

**FOTOCELLE CILINDRICHE M18 - TASTEGGIO DIRETTO MULTIFUNZIONE**  
**M18 CYLINDRICAL PHOTOELECTRIC SENSORS - DIFFUSE TYPE - MULTIFUNCTION**



FOTOCELLE STANDARD M18 A TASTEGGIO DIRETTO CON USCITA NO/NC SELEZIONABILE. VERSIONI A 100, 200 E 400 mm DI PORTATA. USCITA CAVO O CONNETTORE M12. CONTENITORE PLASTICO.

*STANDARD MULTIFUNCTION M18 PHOTOELECTRIC SENSORS DIFFUSE TYPE. SENSING DISTANCE VERSIONS 100, 200 & 400 mm. CABLE OUT OR M12 PLUG-IN CONNECTOR. PLASTIC OR METAL BODY*

**COME ORDINARE**
**HOW TO ORDER**

**OCV88/ D1 PN SC R M C5**

**Sn** (DISTANZA DI RILEVAMENTO)  
**Sn** (SENSING DISTANCE)

**D** = 100 mm  
**D1** = 200 mm  
**D2** = 400 mm

**ELETTRONICA**  
**ELECTRONICS**

**PN** = PNP/NPN (Vcc/Vdc)

**USCITA**  
**OUTPUT**

**SC** = NO/NC selezionabile (4 Fili)  
 NO/NC programmable (4 Wires)

**CONNESSIONE**  
**LINK**

**▪** = Cavo (2m)  
 Cable (2m)  
**Kx** = Metraggio cavo a richiesta  
 Cable length upon request  
**KR** = Uscita cavo 90°  
 90 degrees angled cable output  
**C5** = Connettore M12  
 M12 Connector

**MATERIALE CORPO**  
**BODY MATERIAL**

**▪** = Plastico  
 Plastic  
**M** = Metallico  
 Metal

**SENSIBILITA'**  
**SENSITIVITY**

**▪** = Fissa  
 Fixed  
**R** = Regolabile  
 Adjustment

**CARATTERISTICHE ELETTRICHE**
**ELECTRICAL FEATURES**
**VERSIONE IN C.C.**
**D.C. TYPE**

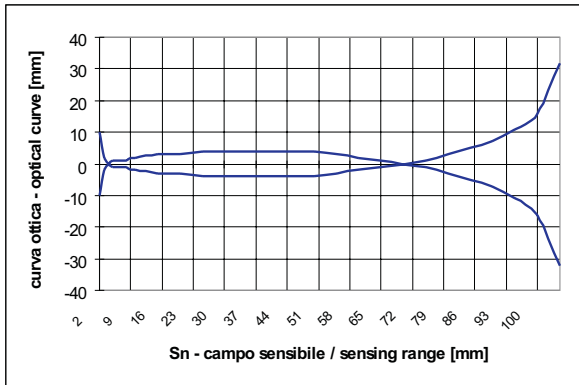
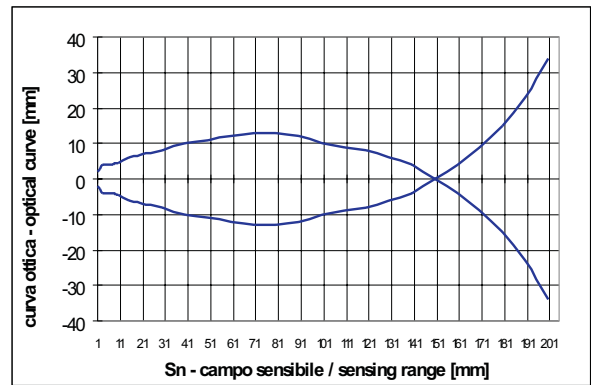
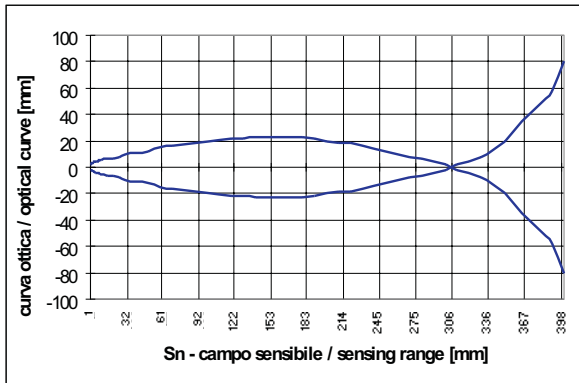
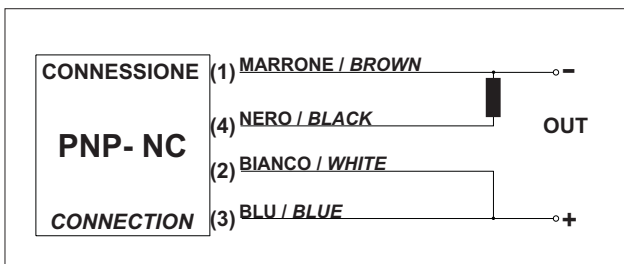
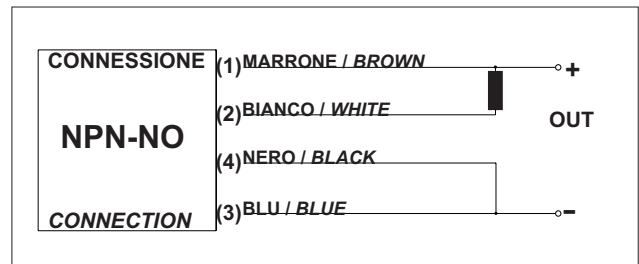
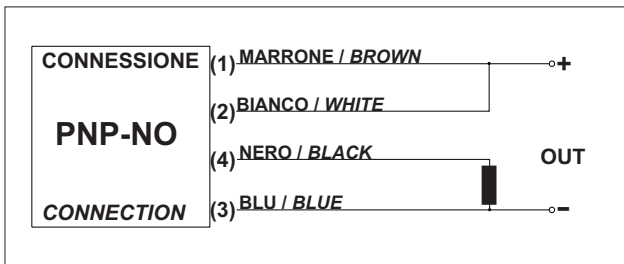
ALIMENTAZIONE	<b>10 ÷ 30 Vdc</b>	<i>SUPPLY VOLTAGE</i>
ONDULAZIONE RESIDUA	<b>≤10%</b>	<i>RIPPLE</i>
ASSORBIMENTO	<b>&lt;25 mA</b>	<i>POWER COMSUMPTION</i>
CARICO MASSIMO	<b>250mA</b>	<i>MAXIMUM LOAD</i>
CADUTA DI TENSIONE	<b>2V@200mA</b>	<i>VOLTAGE DROP</i>
PROTEZIONE C.C.	<b>SI / YES</b>	<i>SHORT CIRCUIT PROTECTION</i>
PROTEZIONE INVERSIONE DI POLARITA'	<b>SI / YES</b>	<i>POLARITY REVERSAL PROTECTION</i>
COMPATIBILITA' ELETTROMAGNETICA CE	<b>EN 60947-5-2</b>	<i>CE COMPLIANCE</i>

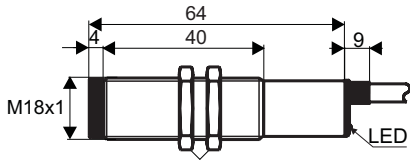
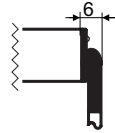
**CARATTERISTICHE TECNICHE**
**TECHNICAL FEATURES**

MODELLO	FISSO	D	D1	D2	FIXED	MODEL
	REG	-	D1...R	D2...R	ADJ	
DISTANZA DI RILEVAMENTO (mm)		<b>100*</b>	<b>200*</b>	<b>400**</b>		<i>(mm) SENSING DISTANCE</i>
		-	<b>1÷200</b>	<b>1÷400</b>		
EMISSIONE		<b>IR MODULATO 880nm - PULSED IR 880nm</b>				<i>EMISSION</i>
FREQUENZA DI COMMUTAZIONE MASSIMA		<b>150 Hz</b>				<i>MAXIMUM WORKING FREQUENCY</i>
TEMPERATURA DI LAVORO		<b>-10°C ÷ +50°C</b>				<i>WORKING TEMPERATURE</i>
TEMPERATURA DI STOCCAGGIO		<b>-25°C ÷ +70°C</b>				<i>STORAGE TEMPERATURE</i>
MATERIALE CORPO PLASTICO		<b>ABS</b>				<i>PLASTIC BODY MATERIAL</i>
MATERIALE CORPO METALLICO		<b>OTTONE NICHELATO / NICHEL PLATED BRASS</b>				<i>METAL BODY MATERIAL</i>
MATERIALE LENTI		<b>PMMA</b>				<i>LENSES MATERIAL</i>
GRADO DI PROTEZIONE		<b>IP65</b>				<i>PROTECTION RATING</i>

\* PORTATA DEFINITA SU CARTA BIANCA CON RIFLESSIONE DEL 90% DIMENSIONI 100 x 100 mm  
*SENSING DISTANCE DEFINED ON WHITE PAPER WITH 90% REFLEX DIMENSIONS 100 x 100 mm*

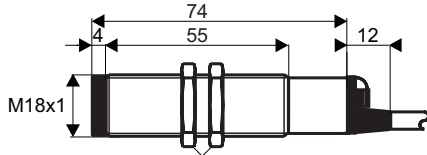
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*SENSING DISTANCE DEFINED ON WHITE PAPER WITH 90% REFLEX DIMENSIONS 200 x 200 mm*

**CURVE OTTICHE**
**OPTIC CURVES**
**MODELLO D TYPE**

**MODELLO D1TYPE**

**MODELLO D2 TYPE**

**CONNESSIONI**
**CONNECTIONS**


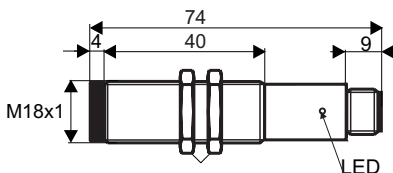
**DIMENSIONI MECCANICHE**
**MECHANICAL SIZE**
**CONTENITORE METALLICO / METAL BODY**
**VERSIONE NON REGOLABILE**
**FIXED VERSION**

 USCITA CAVO 90°  
90 DEGREES ANGLED  
CABLE OUTPUT

 VISTA PARTE SENSIBILE  
SENSITIVE SIDE VIEW

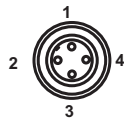
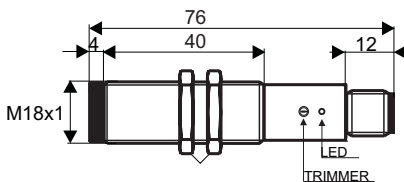
 VISTA USCITA CAVO  
CABLE OUTPUT VIEW

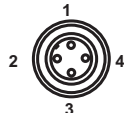
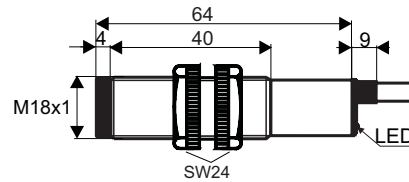
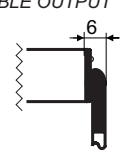
 VISTA USCITA CAVO 90°  
90 DEGREES ANGLED  
CABLE OUTPUT VIEW

**VERSIONE REGOLABILE**
**ADJUSTABLE VERSION**

 VISTA PARTE SENSIBILE  
SENSITIVE SIDE VIEW

 VISTA USCITA CAVO  
CABLE OUTPUT VIEW

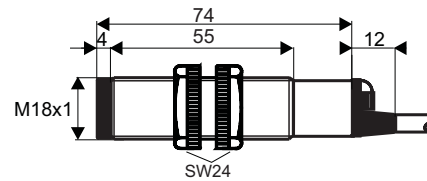
**VERSIONE NON REGOLABILE**
**FIXED VERSION**

 VISTA PARTE SENSIBILE  
SENSITIVE SIDE VIEW

 VISTA USCITA CONNETTORE M12  
M12 CONNECTOR OUTPUT VIEW

**VERSIONE REGOLABILE**
**ADJUSTABLE VERSION**

 VISTA PARTE SENSIBILE  
SENSITIVE SIDE VIEW

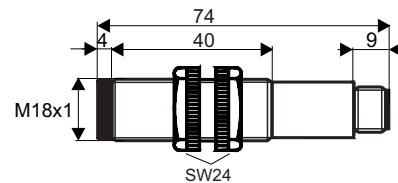
 VISTA USCITA CONNETTORE M12  
M12 CONNECTOR OUTPUT VIEW

**CONTENITORE PLASTICO / PLASTIC BODY**
**VERSIONE NON REGOLABILE**
**FIXED VERSION**

 USCITA CAVO 90°  
90 DEGREES ANGLED  
CABLE OUTPUT

 VISTA PARTE SENSIBILE  
SENSITIVE SIDE VIEW

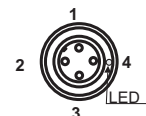
 VISTA USCITA CAVO  
CABLE OUTPUT VIEW

 VISTA USCITA CAVO 90°  
90 DEGREES ANGLED  
CABLE OUTPUT VIEW

**VERSIONE REGOLABILE**
**ADJUSTABLE VERSION**

 VISTA PARTE SENSIBILE  
SENSITIVE SIDE VIEW

 VISTA USCITA CAVO  
CABLE OUTPUT VIEW

**VERSIONE NON REGOLABILE**
**FIXED VERSION**

 VISTA PARTE SENSIBILE  
SENSITIVE SIDE VIEW

 VISTA USCITA CONNETTORE M12  
M12 CONNECTOR OUTPUT VIEW


**ELENCO PRODOTTI**
**PRODUCTS LIST**
**MODELLO D Sn= 100mm**
**D TYPE - Sn=100mm**

	PLASTICA / PLASTIC		METALLO / METAL	
USCITA / OUTPUT	CAVO / CABLE	CONNETTORE/CONNECTOR	CAVO / CABLE	CONNETTORE/CONNECTOR
<b>PNP/NPN SC</b>	<b>OCV88/DPNSC</b>	<b>OCV88/DPNSCC5</b>	<b>OCV88/DPNSCM</b>	<b>OCV88/DPNSCMC5</b>

**MODELLO D1 Sn= 200mm**
**D1 TYPE - Sn=200mm**

	PLASTICA / PLASTIC		METALLO / METAL	
USCITA / OUTPUT	CAVO / CABLE	CONNETTORE/CONNECTOR	CAVO / CABLE	CONNETTORE/CONNECTOR
<b>PNP/NPN SC</b>	<b>OCV88/D1PNSC</b>	<b>OCV88/D1PNSCC5</b>	<b>OCV88/D1PNSCM</b>	<b>OCV88/D1PNSCMC5</b>

**MODELLO D1 Sn= 200mm REGOLABILE**
**D1 TYPE - Sn=200mm - ADJUSTABLE**

	PLASTICA / PLASTIC		METALLO / METAL	
USCITA / OUTPUT	CAVO / CABLE	CONNETTORE/CONNECTOR	CAVO / CABLE	CONNETTORE/CONNECTOR
<b>PNP/NPN SC</b>	<b>OCV88/D1PNSCR</b>	-	<b>OCV88/D1PNSCRM</b>	<b>OCV88/D1PNSCRM5</b>

**MODELLO D2 Sn= 400mm**
**D2 TYPE - Sn=400mm**

	PLASTICA / PLASTIC		METALLO / METAL	
USCITA / OUTPUT	CAVO / CABLE	CONNETTORE/CONNECTOR	CAVO / CABLE	CONNETTORE/CONNECTOR
<b>PNP/NPN SC</b>	<b>OCV88/D2PNSC</b>	<b>OCV88/D2PNSCC5</b>	<b>OCV88/D2PNSCM</b>	<b>OCV88/D2PNSCMC5</b>

**MODELLO D2 Sn= 400mm REGOLABILE**
**D2 TYPE - Sn=400mm - ADJUSTABLE**

	PLASTICA / PLASTIC		METALLO / METAL	
USCITA / OUTPUT	CAVO / CABLE	CONNETTORE/CONNECTOR	CAVO / CABLE	CONNETTORE/CONNECTOR
<b>PNP/NPN SC</b>	<b>OCV88/D2PNSCR</b>	-	<b>OCV88/D2PNSCRM</b>	<b>OCV88/D2PNSCRM5</b>

**RIFERIMENTI CONNETTORI PARTE VOLANTE**
**CONNECTOR LOOSE PART CODES**

FEMMINA / FEMALE	DIRITTO/STRAIGHT	90°/90 DEGREES ANGLED CABLE OUPUT	M12
CAVO / CABLE	L70500	C70500	3 POLI / 3 POLES
CEI 20 22 II - L=5m	L90500	C90500	4 POLI / 4 POLES

**FOTOCPELLULE CILINDRICHE M18  
TASTEGGIO DIRETTO MULTIFUNZIONE  
CON LETTURA A 90°**

**SERIE OCV88/DA SERIES**

***PHOTOELECTRIC MULTIFUNCTION  
SENSORS DIFFUSE TYPE  
WITH RADIAL CYLINDRICAL HOUSING***

**FOTOCELLE CILINDRICHE M18 - TASTEGGIO DIRETTO  
 MULTIFUNZIONE - CON LETTURA A 90°  
 M18 PHOTOELECTRIC SENSORS - DIFFUSE TYPE - MULTIFUNCTION  
 WITH RADIAL CYLINDRICAL HOUSING**



**FOTOCELLE STANDARD M18 A TASTEGGIO  
 DIRETTO MULTIFUNZIONE CON TESTINA A 90°.  
 VERSIONI A 100, 200 E 400 mm DI PORTATA.  
 USCITA CAVO O CONNETTORE M12.  
 CONTENITORE PLASTICO O METALLICO.**

**STANDARD MULTIFUNCTION M18 PHOTOELECTRIC  
 SENSORS DIFFUSE TYPE WITH RADIAL CYLINDRICAL  
 HOUSING  
 SENSING DISTANCE VERSIONS 100, 200 & 400 mm.  
 CABLE OUT OR M12 PLUG-IN CONNECTOR.  
 PLASTIC OR METAL BODY**

**COME ORDINARE**
**HOW TO ORDER**

**OCV88/    D1    PN    SC    R    M    C5**

**Sn** (DISTANZA DI RILEVAMENTO)  
**Sn** (SENSING DISTANCE)

**DA** = 100 mm  
**D1A** = 200 mm  
**D2A** = 400 mm

**ELETTRONICA**  
**ELECTRONICS**

**PN** = PNP/NPN (Vcc/Vdc)

**USCITA**  
**OUTPUT**

**SC** = NO/NC selezionabile (4 Fili)  
 NO/NC programmable (4 Wires)

**CONNESSIONE**  
**LINK**

**▪** = Cavo (2m)  
 Cable (2m)  
**Kx** = Metraggio cavo a  
 richiesta  
 Cable length upon  
 request

**C5** = Connettore M12  
 M12 Connector

**MATERIALE CORPO**  
**BODY MATERIAL**

**▪** = Plastico  
 Plastic  
**M** = Metallico  
 Metal

**SENSIBILITA'**  
**SENSITIVITY**

**▪** = Fissa  
 Fixed  
**R** = Regolabile  
 Adjustment

**CARATTERISTICHE ELETTRICHE**
**ELECTRICAL FEATURES**
**VERSIONE IN C.C.**
**D.C. TYPE**

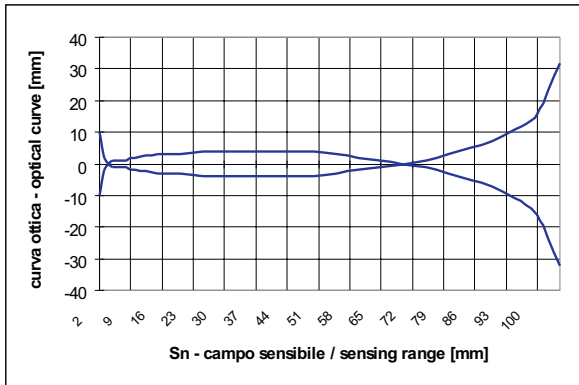
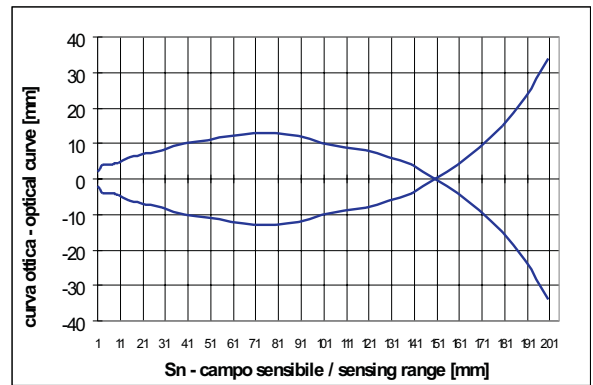
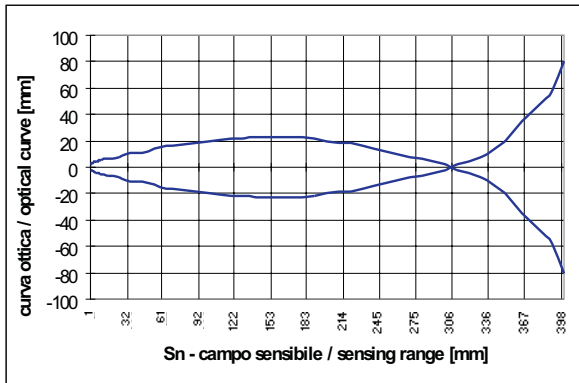
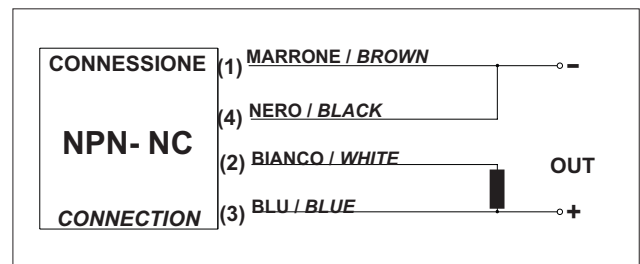
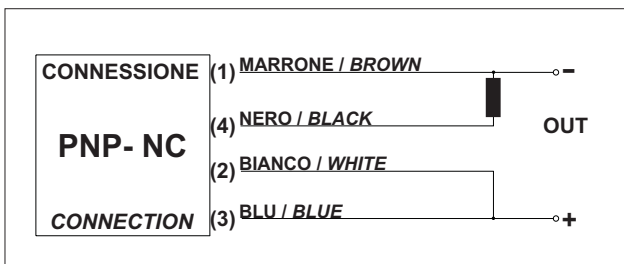
ALIMENTAZIONE	<b>10 ÷ 30 Vdc</b>	<i>SUPPLY VOLTAGE</i>
ONDULAZIONE RESIDUA	<b>≤10%</b>	<i>RIPPLE</i>
ASSORBIMENTO	<b>&lt;25 mA</b>	<i>POWER COMSUMPTION</i>
CARICO MASSIMO	<b>250mA</b>	<i>MAXIMUM LOAD</i>
CADUTA DI TENSIONE	<b>2V@200mA</b>	<i>VOLTAGE DROP</i>
PROTEZIONE C.C.	<b>SI / YES</b>	<i>SHORT CIRCUIT PROTECTION</i>
PROTEZIONE INVERSIONE DI POLARITA'	<b>SI / YES</b>	<i>POLARITY REVERSAL PROTECTION</i>
COMPATIBILITA' ELETTROMAGNETICA CE	<b>EN 60947-5-2</b>	<i>CE COMPLIANCE</i>

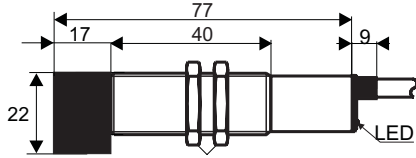
**CARATTERISTICHE TECNICHE**
**TECHNICAL FEATURES**

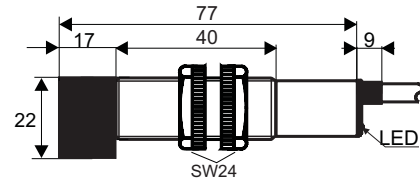
MODELLO	FISSO	D	D1	D2	FIXED	MODEL
	REG	-	D1...R	D2...R	ADJ	
DISTANZA DI RILEVAMENTO (mm)		<b>100*</b>	<b>200*</b>	<b>400**</b>		<i>(mm) SENSING DISTANCE</i>
		-	<b>1÷200</b>	<b>1÷400</b>		
EMISSIONE	<b>IR MODULATO 880nm - PULSED IR 880nm</b>					<i>EMISSION</i>
FREQUENZA DI COMMUTAZIONE MASSIMA	<b>150 Hz</b>					<i>MAXIMUM WORKING FREQUENCY</i>
TEMPERATURA DI LAVORO	<b>-10°C ÷ +50°C</b>					<i>WORKING TEMPERATURE</i>
TEMPERATURA DI STOCCAGGIO	<b>-25°C ÷ +70°C</b>					<i>STORAGE TEMPERATURE</i>
MATERIALE CORPO PLASTICO	<b>ABS</b>					<i>PLASTIC BODY MATERIAL</i>
MATERIALE CORPO METALLICO	<b>OTTONE NICHELATO / NICHEL PLATED BRASS</b>					<i>METAL BODY MATERIAL</i>
MATERIALE LENTI	<b>PMMA</b>					<i>LENSES MATERIAL</i>
GRADO DI PROTEZIONE	<b>IP65</b>					<i>PROTECTION RATING</i>

\* PORTATA DEFINITA SU CARTA BIANCA CON RIFLESSIONE DEL 90% DIMENSIONI 100 x 100 mm  
*SENSING DISTANCE DEFINED ON WHITE PAPER WITH 90% REFLEX DIMENSIONS 100 x 100 mm*

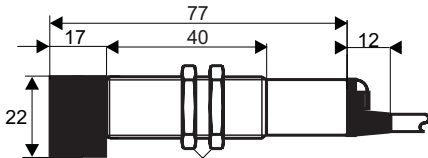
\*\* PORTATA DEFINITA SU CARTA BIANCA CON RIFLESSIONE DEL 90% DIMENSIONI 200 x 200 mm  
*SENSING DISTANCE DEFINED ON WHITE PAPER WITH 90% REFLEX DIMENSIONS 200 x 200 mm*

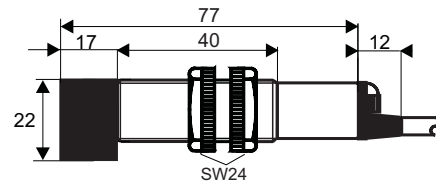
**CURVE OTTICHE**
**OPTIC CURVES**
**MODELLO D TYPE**

**MODELLO D1TYPE**

**MODELLO D2 TYPE**

**CONNESSIONI**
**CONNECTIONS**


**DIMENSIONI MECCANICHE**
**MECHANICAL SIZE**
**CONTENITORE METALLICO / METAL BODY**
**CONTENITORE PLASTICO / PLASTIC BODY**
**VERSIONE NON REGOLABILE**
**FIXED VERSION**
**VERSIONE NON REGOLABILE**
**FIXED VERSION**

 VISTA PARTE SENSIBILE  
 SENSITIVE SIDE VIEW

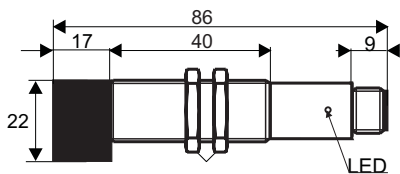
 VISTA USCITA CAVO  
 CABLE OUTPUT VIEW

 VISTA PARTE SENSIBILE  
 SENSITIVE SIDE VIEW

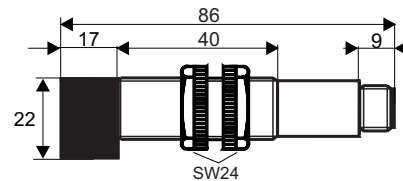
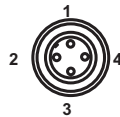
 VISTA USCITA CAVO  
 CABLE OUTPUT VIEW

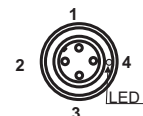
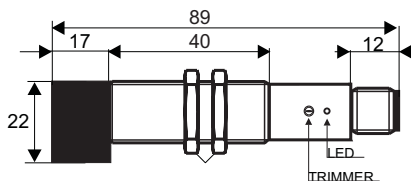
**VERSIONE REGOLABILE**
**ADJUSTABLE VERSION**
**VERSIONE REGOLABILE**
**ADJUSTABLE VERSION**

 VISTA PARTE SENSIBILE  
 SENSITIVE SIDE VIEW

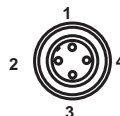
 VISTA USCITA CAVO  
 CABLE OUTPUT VIEW

 VISTA PARTE SENSIBILE  
 SENSITIVE SIDE VIEW

 VISTA USCITA CAVO  
 CABLE OUTPUT VIEW

**VERSIONE NON REGOLABILE**
**FIXED VERSION**
**VERSIONE NON REGOLABILE**
**FIXED VERSION**

 VISTA PARTE SENSIBILE  
 SENSITIVE SIDE VIEW

 VISTA USCITA CONNETTORE M12  
 M12 CONNECTOR OUTPUT VIEW

 VISTA PARTE SENSIBILE  
 SENSITIVE SIDE VIEW

 VISTA USCITA CONNETTORE M12  
 M12 CONNECTOR OUTPUT VIEW

**VERSIONE REGOLABILE**
**ADJUSTABLE VERSION**

 VISTA PARTE SENSIBILE  
 SENSITIVE SIDE VIEW

 VISTA USCITA CONNETTORE M12  
 M12 CONNECTOR OUTPUT VIEW


**ELENCO PRODOTTI**
**PRODUCTS LIST**
**MODELLO D Sn= 100mm**
**D TYPE - Sn=100mm**

	PLASTICA / PLASTIC		METALLO / METAL	
USCITA / OUTPUT	CAVO / CABLE	CONNETTORE/CONNECTOR	CAVO / CABLE	CONNETTORE/CONNECTOR
<b>PNP/NPN SC</b>	<b>OCV88/DAPNSC</b>	<b>OCV88/DAPNSCC5</b>	<b>OCV88/DAPNSCM</b>	<b>OCV88/DAPNSCMC5</b>

**MODELLO D1 Sn= 200mm**
**D1 TYPE - Sn=200mm**

	PLASTICA / PLASTIC		METALLO / METAL	
USCITA / OUTPUT	CAVO / CABLE	CONNETTORE/CONNECTOR	CAVO / CABLE	CONNETTORE/CONNECTOR
<b>PNP/NPN SC</b>	<b>OCV88/D1APNSC</b>	<b>OCV88/D1APNSCC5</b>	<b>OCV88/DA1PNSCM</b>	<b>OCV88/D1APNSCMC5</b>

**MODELLO D1 Sn= 200mm REGOLABILE**
**D1 TYPE - Sn=200mm - ADJUSTABLE**

	PLASTICA / PLASTIC		METALLO / METAL	
USCITA / OUTPUT	CAVO / CABLE	CONNETTORE/CONNECTOR	CAVO / CABLE	CONNETTORE/CONNECTOR
<b>PNP/NPN SC</b>	<b>OCV88/D1APNSCR</b>	-	<b>OCV88/D1APNSCRM</b>	<b>OCV88/D1APNSCRM5</b>

**MODELLO D2 Sn= 400mm**
**D2 TYPE - Sn=400mm**

	PLASTICA / PLASTIC		METALLO / METAL	
USCITA / OUTPUT	CAVO / CABLE	CONNETTORE/CONNECTOR	CAVO / CABLE	CONNETTORE/CONNECTOR
<b>PNP/NPN SC</b>	<b>OCV88/D2APNSC</b>	<b>OCV88/D2APNSCC5</b>	<b>OCV88/D2APNSCM</b>	<b>OCV88/D2APNSCMC5</b>

**MODELLO D2 Sn= 400mm REGOLABILE**
**D2 TYPE - Sn=400mm - ADJUSTABLE**

	PLASTICA / PLASTIC		METALLO / METAL	
USCITA / OUTPUT	CAVO / CABLE	CONNETTORE/CONNECTOR	CAVO / CABLE	CONNETTORE/CONNECTOR
<b>PNP/NPN SC</b>	<b>OCV88/D2APNSCR</b>	-	<b>OCV88/D2APNSCRM</b>	<b>OCV88/D2APNSCRM5</b>

**RIFERIMENTI CONNETTORI PARTE VOLANTE**
**CONNECTOR LOOSE PART CODES**

FEMMINA / FEMALE	DIRITTO/STRAIGHT	90°/90 DEGREES ANGLED CABLE OUPUT	M12
CAVO / CABLE	L70500	C70500	3 POLI / 3 POLES
CEI 20 22 II - L=5m	L90500	C90500	4 POLI / 4 POLES

**FOTOCCELLULE CILINDRICHE M18  
RIFLESSIONE CON CATARIFRANGENTE  
MULTIFUNZIONE**

**SERIE OCV88/C SERIES**

***PHOTOELECTRIC CYLINDRICAL  
MULTIFUNCTION SENSORS  
REFLEX TYPE***

**FOTOCELLULE CILINDRICHE M18 - RIFLESSIONE CON CATARIFRANGENTE  
MULTIFUNZIONE**  
**M18 CYLINDRICAL PHOTOELECTRIC SENSORS - REFLEX TYPE - MULTIFUNCTION**



FOTOCELLULE STANDARD M18 A RIFLESSIONE CON CATARIFRANGENTE MULTIFUNZIONE.  
PORTATA 2000mm O 3000mm CON CATARIFRANGENTE Ø 80mm.  
USCITA CAVO O CONNETTORE M12.  
CONTENITORE PLASTICO O METALLICO.

*STANDARD MULTIFUNCTION M18 PHOTOELECTRIC SENSORS REFLEX TYPE.  
SENSING DISTANCE 2000mm OR 3000mm WITH Ø 80mm REAR REFLECTOR.  
CABLE OUT OR M12 PLUG-IN CONNECTOR.  
PLASTIC OR METAL BODY*

**COME ORDINARE**
**HOW TO ORDER**

**OCV88/ C PN SC R M C5**

**Sn** (DISTANZA DI RILEVAMENTO)  
**Sn** (SENSING DISTANCE)

**C** = Riflessione con catarifrangente 2000mm, 3000mm con catarifrangente Ø80mm.  
*Reflex with rear reflector 2000mm, 3000 mm with Ø 80mm rear reflector*

**ELETTRONICA**  
**ELECTRONICS**

**PN** = PNP/NPN (Vcc/Vdc)

**USCITA**  
**OUTPUT**

**SC** = NO/NC selezionabile (4 Fili)  
*NO/NC programmable (4 Wires)*

**CONNESSIONE**  
**LINK**

**-** = Cavo (2m)  
*Cable (2m)*  
**Kx** = Metraggio cavo a richiesta  
*Cable lenght upon request*  
**KR** = USCITA cavo 90°  
*90 degrees angled cable output*  
**C5** = Connettore M12  
*M12 Connector*

**MATERIALE CORPO**  
**BODY MATERIAL**

**-** = Plastico  
*Plastic*  
**M** = Metallico  
*Metal*

**SENSIBILITA'**  
**SENSITIVITY**

**-** = Fissa  
*Fixed*  
**R** = Regolabile  
*Adjustment*

**CARATTERISTICHE ELETTRICHE**
**ELECTRICAL FEATURES**
**VERSIONE IN C.C.**
**D.C. TYPE**

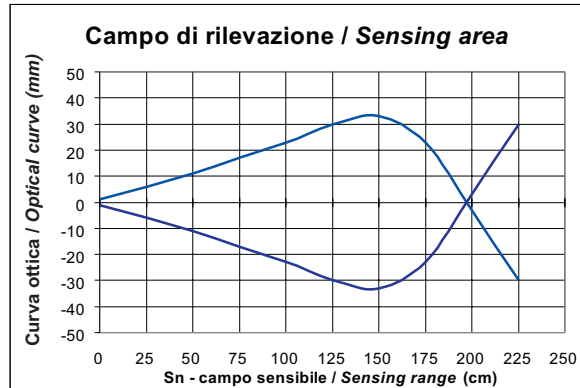
ALIMENTAZIONE	<b>10 ÷ 30 Vdc</b>	<i>SUPPLY VOLTAGE</i>
ONDULAZIONE RESIDUA	<b>≤10%</b>	<i>RIPPLE</i>
ASSORBIMENTO	<b>&lt;25 mA</b>	<i>POWER COMSUMPTION</i>
CARICO MASSIMO	<b>250mA</b>	<i>MAXIMUM LOAD</i>
CADUTA DI TENSIONE	<b>2V@200mA</b>	<i>VOLTAGE DROP</i>
PROTEZIONE C.C.	<b>SI / YES</b>	<i>SHORT CIRCUIT PROTECTION</i>
PROTEZIONE INVERSIONE DI POLARITA'	<b>SI / YES</b>	<i>POLARITY REVERSAL PROTECTION</i>
COMPATIBILITA' ELETTROMAGNETICA CE	<b>EN 60947-5-2</b>	<i>CE COMPLIANCE</i>

**CARATTERISTICHE TECNICHE**
**TECHNICAL FEATURES**

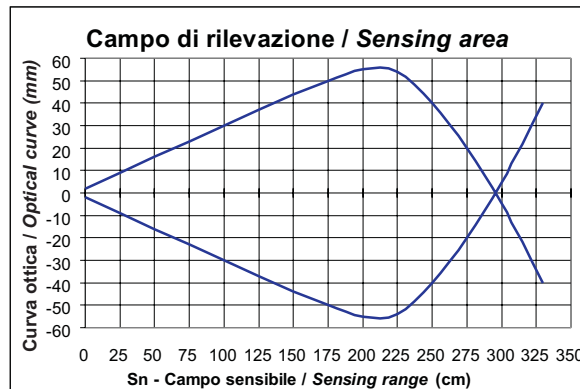
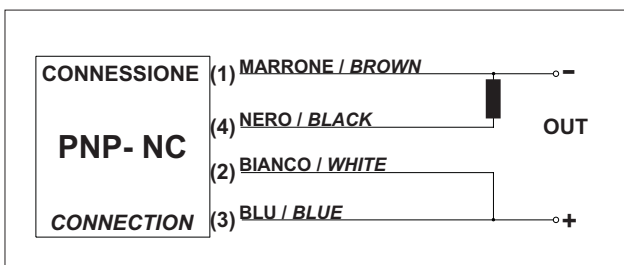
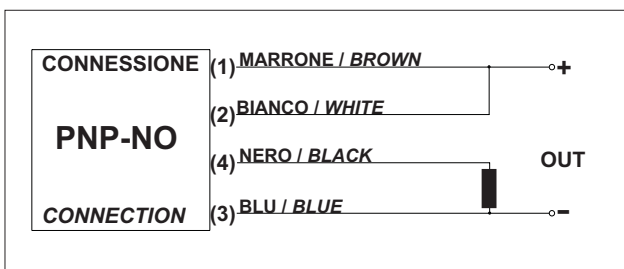
MODELLO	FISSO	C	*C	FIXED	MODEL
	REG	C...R	*C...R	ADJ	
DISTANZA DI RILEVAMENTO (mm)		<b>2000</b>	<b>3000</b>		<i>(mm) SENSING DISTANCE</i>
		<b>2÷2000</b>	<b>2÷3000</b>		
EMISSIONE		<b>IR MODULATO 880nm - PULSED IR 880nm</b>			<i>EMISSION</i>
FREQUENZA DI COMMUTAZIONE MASSIMA		<b>150 Hz</b>			<i>MAXIMUM WORKING FREQUENCY</i>
TEMPERATURA DI LAVORO		<b>-10°C ÷ +50°C</b>			<i>WORKING TEMPERATURE</i>
TEMPERATURA DI STOCCAGGIO		<b>-25°C ÷ +70°C</b>			<i>STORAGE TEMPERATURE</i>
MATERIALE CORPO PLASTICO		<b>ABS</b>			<i>PLASTIC BODY MATERIAL</i>
MATERIALE CORPO METALLICO		<b>OTTONE NICHELATO / NICHEL PLATED BRASS</b>			<i>METAL BODY MATERIAL</i>
MATERIALE LENTI		<b>PMMA</b>			<i>LENSES MATERIAL</i>
GRADO DI PROTEZIONE		<b>IP65</b>			<i>PROTECTION RATING</i>

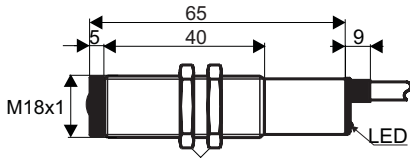
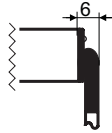
\* CON CATARIFRANGENTE TIPO SCT4 Ø80mm.  
WITH 80mm Ø REAR REFLECTOR SCT4 TYPE

**MODELLO C TYPE**  
CATARIFRANGENTE SCT2 REFLECTOR



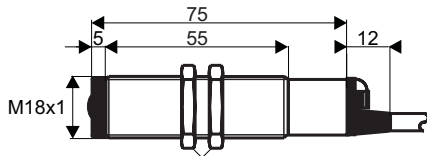
**MODELLO C TYPE**  
CATARIFRANGENTE SCT4 REFLECTOR


**CONNESSIONI**
**CONNECTIONS**


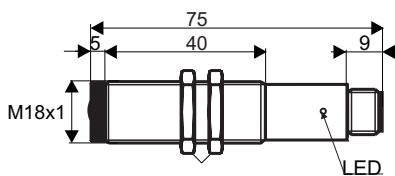
**DIMENSIONI MECCANICHE**
**MECHANICAL SIZE**
**CONTENITORE METALLICO / METAL BODY**
**VERSIONE NON REGOLABILE**
**FIXED VERSION**

 USCITA CAVO 90°  
90 DEGREES ANGLED  
CABLE OUTPUT

 VISTA PARTE SENSIBILE  
SENSITIVE SIDE VIEW

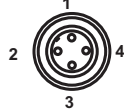
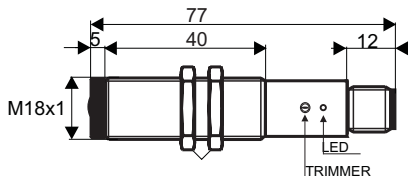
 VISTA USCITA CAVO  
CABLE OUTPUT VIEW

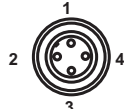
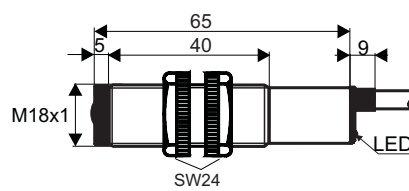
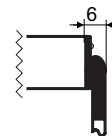
 VISTA USCITA CAVO 90°  
90 DEGREES ANGLED  
CABLE OUTPUT VIEW

**VERSIONE REGOLABILE**
**ADJUSTABLE VERSION**

 VISTA PARTE SENSIBILE  
SENSITIVE SIDE VIEW

 VISTA USCITA CAVO  
CABLE OUTPUT VIEW

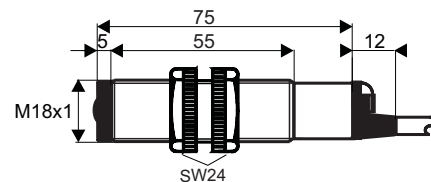
**VERSIONE NON REGOLABILE**
**FIXED VERSION**

 VISTA PARTE SENSIBILE  
SENSITIVE SIDE VIEW

 VISTA USCITA CONNETTORE M12  
M12 CONNECTOR OUTPUT VIEW

**VERSIONE REGOLABILE**
**ADJUSTABLE VERSION**

 VISTA PARTE SENSIBILE  
SENSITIVE SIDE VIEW

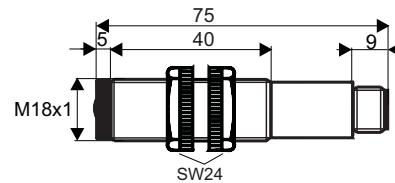
 VISTA USCITA CONNETTORE M12  
M12 CONNECTOR OUTPUT VIEW

**CONTENITORE PLASTICO / PLASTIC BODY**
**VERSIONE NON REGOLABILE**
**FIXED VERSION**

 USCITA CAVO 90°  
90 DEGREES ANGLED  
CABLE OUTPUT

 VISTA PARTE SENSIBILE  
SENSITIVE SIDE VIEW

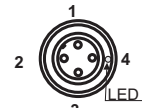
 VISTA USCITA CAVO  
CABLE OUTPUT VIEW

 VISTA USCITA CAVO 90°  
90 DEGREES ANGLED  
CABLE OUTPUT VIEW

**VERSIONE REGOLABILE**
**ADJUSTABLE VERSION**

 VISTA PARTE SENSIBILE  
SENSITIVE SIDE VIEW

 VISTA USCITA CAVO  
CABLE OUTPUT VIEW

**VERSIONE NON REGOLABILE**
**FIXED VERSION**

 VISTA PARTE SENSIBILE  
SENSITIVE SIDE VIEW

 VISTA USCITA CONNETTORE M12  
M12 CONNECTOR OUTPUT VIEW


**ELENCO PRODOTTI**
**PRODUCTS LIST**
**MODELLO C**
**C TYPE**

	PLASTICA / PLASTIC		METALLO / METAL	
USCITA / OUTPUT	CAVO / CABLE	CONNETTORE/CONNECTOR	CAVO / CABLE	CONNETTORE/CONNECTOR
PNP/NPN SC	<b>OCV88/CPNSC</b>	OCV88/CPNSCC5	OCV88/CPNSCM	OCV88/CPNSCMC5

**MODELLO C REGOLABILE**
**C TYPE - ADJUSTABLE**

	PLASTICA / PLASTIC		METALLO / METAL	
USCITA / OUTPUT	CAVO / CABLE	CONNETTORE/CONNECTOR	CAVO / CABLE	CONNETTORE/CONNECTOR
PNP/NPN SC	OCV88/CPNSCR	-	OCV88/CPNSCRM	<b>OCV88/CPNSCRM5</b>

**RIFERIMENTI CONNETTORI PARTE VOLANTE**
**CONNECTOR LOOSE PART CODES**

FEMMINA / FEMALE	DIRITTO/STRAIGHT	90°/90 DEGREES ANGLED CABLE OUPUT	M12
CAVO / CABLE	L70500	C70500	3 POLI / 3 POLES
CEI 20 22 II - L=5m	L90500	C90500	4 POLI / 4 POLES

**RIFERIMENTI CATARIFRANGENTI**
**REFLECTOR CODES**

Ø 50mm	Ø 80mm
SCT2	SCT4

**FOTOCPELLULE CILINDRICHE M18  
RIFLESSIONE CON CATARIFRANGENTE  
MULTIFUNZIONE CON LETTURA A 90°**

**SERIE OCV88/CA SERIES**

***PHOTOELECTRIC MULTIFUNCTION  
SENSORS REFLEX TYPE  
WITH RADIAL CYLINDRICAL HOUSING***

**FOTOCELLE CILINDRICHE M18 - RIFLESSIONE CON CATARIFRANGENTE  
MULTIFUNZIONE - CON LETTURA A 90°  
M18 PHOTOELECTRIC SENSORS - REFLEX TYPE - MULTIFUNCTION  
WITH RADIAL CYLINDRICAL HOUSING**



**FOTOCELLE STANDARD M18 A RIFLESSIONE  
CON CATARIFRANGENTE MULTIFUNZIONE  
CON TESTINA A 90°.**

**PORTATA 2000mm O 3000mm CON**

**CATARIFRANGENTE Ø 80mm.**

**USCITA CAVO O CONNETTORE M12.**

**CONTENITORE PLASTICO O METALLICO.**

**STANDARD MULTIFUNCTION M18 PHOTOELECTRIC  
SENSORS REFLEX TYPE WITH RADIAL  
CYLINDRICAL HOUSING**

**SENSING DISTANCE 2000mm OR 3000mm WITH**

**Ø 80mm REAR REFLECTOR.**

**CABLE OUT OR M12 PLUG-IN CONNECTOR.**

**PLASTIC OR METAL BODY**

**COME ORDINARE**
**HOW TO ORDER**

**OCV88/ CA PN SC R M C5**

**Sn (DISTANZA DI RILEVAMENTO)  
Sn (SENSING DISTANCE)**

**CA** = Riflessione con catarifrangente  
2000mm, 3000mm con  
catarifrangente Ø80mm.  
*Reflex with rear reflector 2000mm,  
3000mm with Ø80mm rear reflector.*

**ELETTRONICA  
ELECTRONICS**

**PN** = PNP/NPN (Vcc/Vdc)

**USCITA  
OUTPUT**

**SC** = NO/NC selezionabile (4 Fili)  
*NO/NC programmable (4 Wires)*

**CONNESSIONE  
LINK**

**▪** = Cavo (2m)  
*Cable (2m)*  
**Kx** = Metraggio cavo a  
richiesta  
*Cable lenght upon  
request*

**C5** = Connettore M12  
*M12 Connector*

**MATERIALE CORPO  
BODY MATERIAL**

**▪** = Plastico  
*Plastic*  
**M** = Metallico  
*Metal*

**SENSIBILITA'  
SENSITIVITY**

**▪** = Fissa  
*Fixed*  
**R** = Regolabile  
*Adjustment*

**CARATTERISTICHE ELETTRICHE**
**ELECTRICAL FEATURES**
**VERSIONE IN C.C.**
**D.C. TYPE**

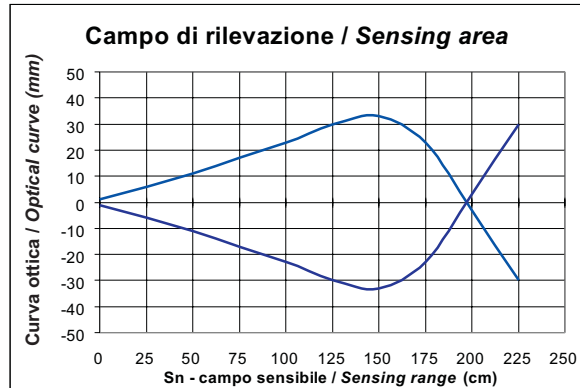
ALIMENTAZIONE	<b>10 ÷ 30 Vdc</b>	<i>SUPPLY VOLTAGE</i>
ONDULAZIONE RESIDUA	<b>≤ 10%</b>	<i>RIPPLE</i>
ASSORBIMENTO	<b>&lt;25 mA</b>	<i>POWER COMSUMPTION</i>
CARICO MASSIMO	<b>250mA</b>	<i>MAXIMUM LOAD</i>
CADUTA DI TENSIONE	<b>2V@200mA</b>	<i>VOLTAGE DROP</i>
PROTEZIONE C.C.	<b>SI / YES</b>	<i>SHORT CIRCUIT PROTECTION</i>
PROTEZIONE INVERSIONE DI POLARITA'	<b>SI / YES</b>	<i>POLARITY REVERSAL PROTECTION</i>
COMPATIBILITA' ELETTROMAGNETICA CE	<b>EN 60947-5-2</b>	<i>CE COMPLIANCE</i>

**CARATTERISTICHE TECNICHE**
**TECHNICAL FEATURES**

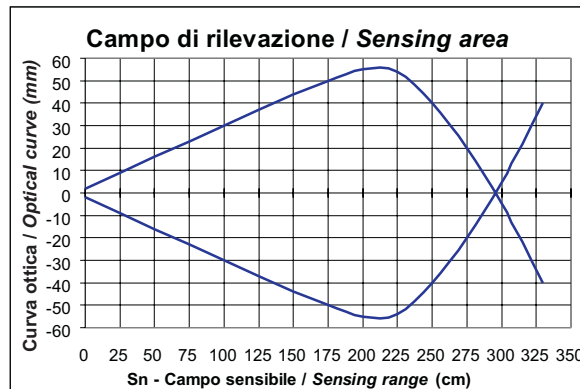
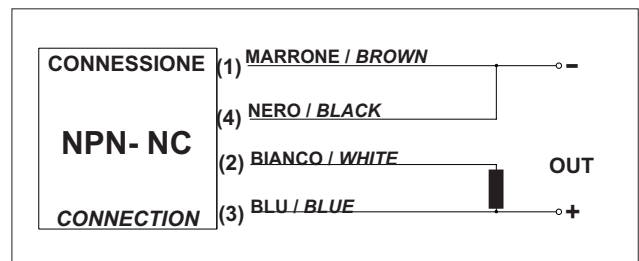
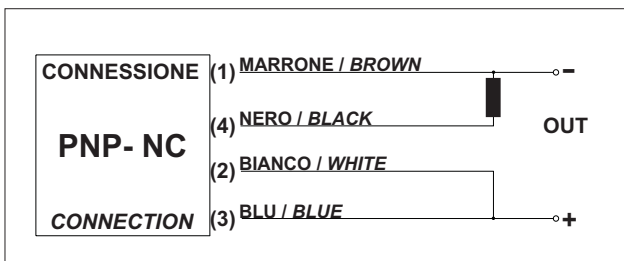
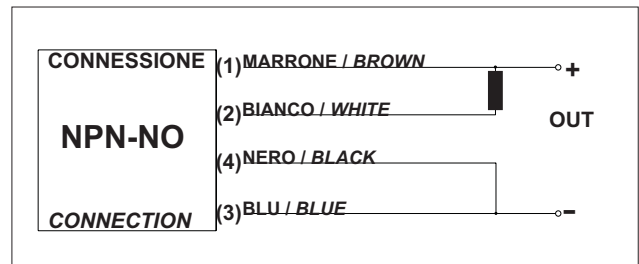
MODELLO	FISSO	CA	*CA	FIXED	MODEL
	REG	CA...R	*CA...R	ADJ	
DISTANZA DI RILEVAMENTO (mm)		<b>2000</b>	<b>3000</b>		<i>(mm) SENSING DISTANCE</i>
		<b>2÷2000</b>	<b>2÷3000</b>		
EMISSIONE		<b>IR MODULATO 880nm - PULSED IR 880nm</b>			<i>EMISSION</i>
FREQUENZA DI COMMUTAZIONE MASSIMA		<b>150 Hz</b>			<i>MAXIMUM WORKING FREQUENCY</i>
TEMPERATURA DI LAVORO		<b>-10°C ÷ +50°C</b>			<i>WORKING TEMPERATURE</i>
TEMPERATURA DI STOCCAGGIO		<b>-25°C ÷ +70°C</b>			<i>STORAGE TEMPERATURE</i>
MATERIALE CORPO PLASTICO		<b>ABS</b>			<i>PLASTIC BODY MATERIAL</i>
MATERIALE CORPO METALLICO		<b>OTTONE NICHELATO / NICHEL PLATED BRASS</b>			<i>METAL BODY MATERIAL</i>
MATERIALE LENTI		<b>PMMA</b>			<i>LENSES MATERIAL</i>
GRADO DI PROTEZIONE		<b>IP65</b>			<i>PROTECTION RATING</i>

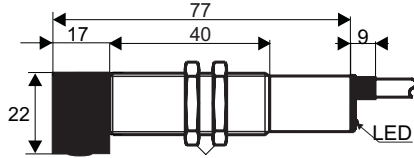
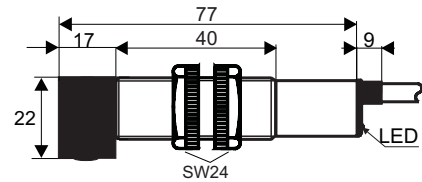
\* CON CATARIFRANGENTE TIPO SCT4 Ø 80mm  
WITH 80mm Ø REAR REFLECTOR SCT4 TYPE

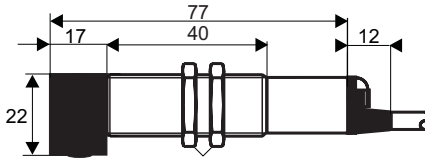
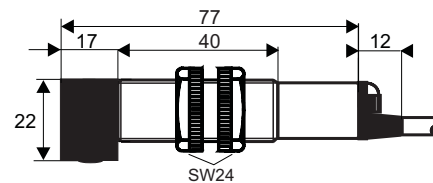
**MODELLO C TYPE**  
CATARIFRANGENTE SCT2 REFLECTOR

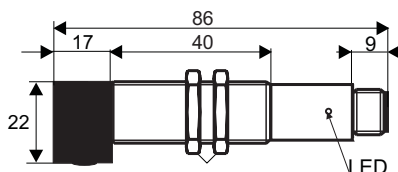
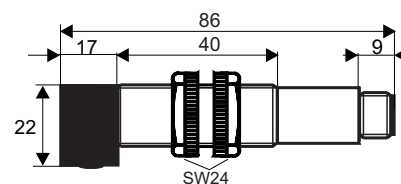
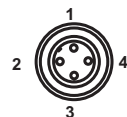
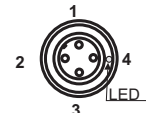
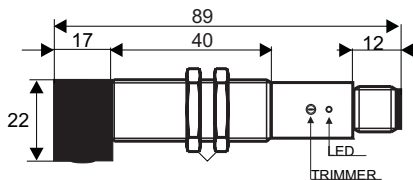
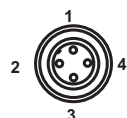


**MODELLO C TYPE**  
CATARIFRANGENTE SCT4 REFLECTOR


**CONNESSIONI**
**CONNECTIONS**


**DIMENSIONI MECCANICHE**
**MECHANICAL SIZE**
**CONTENITORE METALLICO / METAL BODY**
**CONTENITORE PLASTICO / PLASTIC BODY**
**VERSIONE NON REGOLABILE**
**FIXED VERSION**
**VERSIONE NON REGOLABILE**
**FIXED VERSION**

**VISTA PARTE SENSIBILE**  
*SENSITIVE SIDE VIEW*
**VISTA USCITA CAVO**  
*CABLE OUTPUT VIEW*

**VISTA PARTE SENSIBILE**  
*SENSITIVE SIDE VIEW*
**VISTA USCITA CAVO**  
*CABLE OUTPUT VIEW*

**VERSIONE REGOLABILE**
**ADJUSTABLE VERSION**
**VERSIONE REGOLABILE**
**ADJUSTABLE VERSION**

**VISTA PARTE SENSIBILE**  
*SENSITIVE SIDE VIEW*
**VISTA USCITA CAVO**  
*CABLE OUTPUT VIEW*

**VISTA PARTE SENSIBILE**  
*SENSITIVE SIDE VIEW*
**VISTA USCITA CAVO**  
*CABLE OUTPUT VIEW*

**VERSIONE NON REGOLABILE**
**FIXED VERSION**
**VERSIONE NON REGOLABILE**
**FIXED VERSION**

**VISTA PARTE SENSIBILE**  
*SENSITIVE SIDE VIEW*
**VISTA USCITA CONNETTORE M12**  
*M12 CONNECTOR OUTPUT VIEW*

**VISTA PARTE SENSIBILE**  
*SENSITIVE SIDE VIEW*
**VISTA USCITA CONNETTORE M12**  
*M12 CONNECTOR OUTPUT VIEW*

**VERSIONE REGOLABILE**
**ADJUSTABLE VERSION**

**VISTA PARTE SENSIBILE**  
*SENSITIVE SIDE VIEW*
**VISTA USCITA CONNETTORE M12**  
*M12 CONNECTOR OUTPUT VIEW*


**ELENCO PRODOTTI**
**PRODUCTS LIST**
**MODELLO C**
**C TYPE**

	PLASTICA / PLASTIC		METALLO / METAL	
USCITA / OUTPUT	CAVO / CABLE	CONNETTORE/CONNECTOR	CAVO / CABLE	CONNETTORE/CONNECTOR
PNP/NPN SC	OCV88/CAPNSC	OCV88/CAPNSCC5	OCV88/CAPNSCM	OCV88/CAPNSCMC5

**MODELLO C REGOLABILE**
**C TYPE - ADJUSTABLE**

	PLASTICA / PLASTIC		METALLO / METAL	
USCITA / OUTPUT	CAVO / CABLE	CONNETTORE/CONNECTOR	CAVO / CABLE	CONNETTORE/CONNECTOR
PNP/NPN SC	OCV88/CPNSCR	-	OCV88/CAPNSCRM	OCV88/CAPNSCRM5

**RIFERIMENTI CONNETTORI PARTE VOLANTE**
**CONNECTOR LOOSE PART CODES**

FEMMINA / FEMALE	DIRITTO/STRAIGHT	90°/90 DEGREES ANGLED CABLE OUPUT	M12
CAVO / CABLE	L70500		3 POLI / 3 POLES
CEI 20 22 II - L=5m	L90500	C90500	4 POLI / 4 POLES

**RIFERIMENTI CATARIFRANGENTI**
**REFLECTOR CODES**

Ø 50mm	Ø 80mm
SCT2	SCT4

**FOTOCEDURE CILINDRICHE M18  
BARRIERA PROIETTORE-RICEVITORE  
MULTIFUNZIONE**

**SERIE OCV88/B SERIES**

***PHOTOELECTRIC CYLINDRICAL  
MULTIFUNCTION SENSORS BEAM TYPE  
SENDER - RECEIVER***

## FOTOCELLULE CILINDRICHE M18 - BARRIERA - MULTIFUNZIONE

### M18 CYLINDRICAL PHOTOELECTRIC SENSORS - BEAM TYPE - MULTIFUNCTION

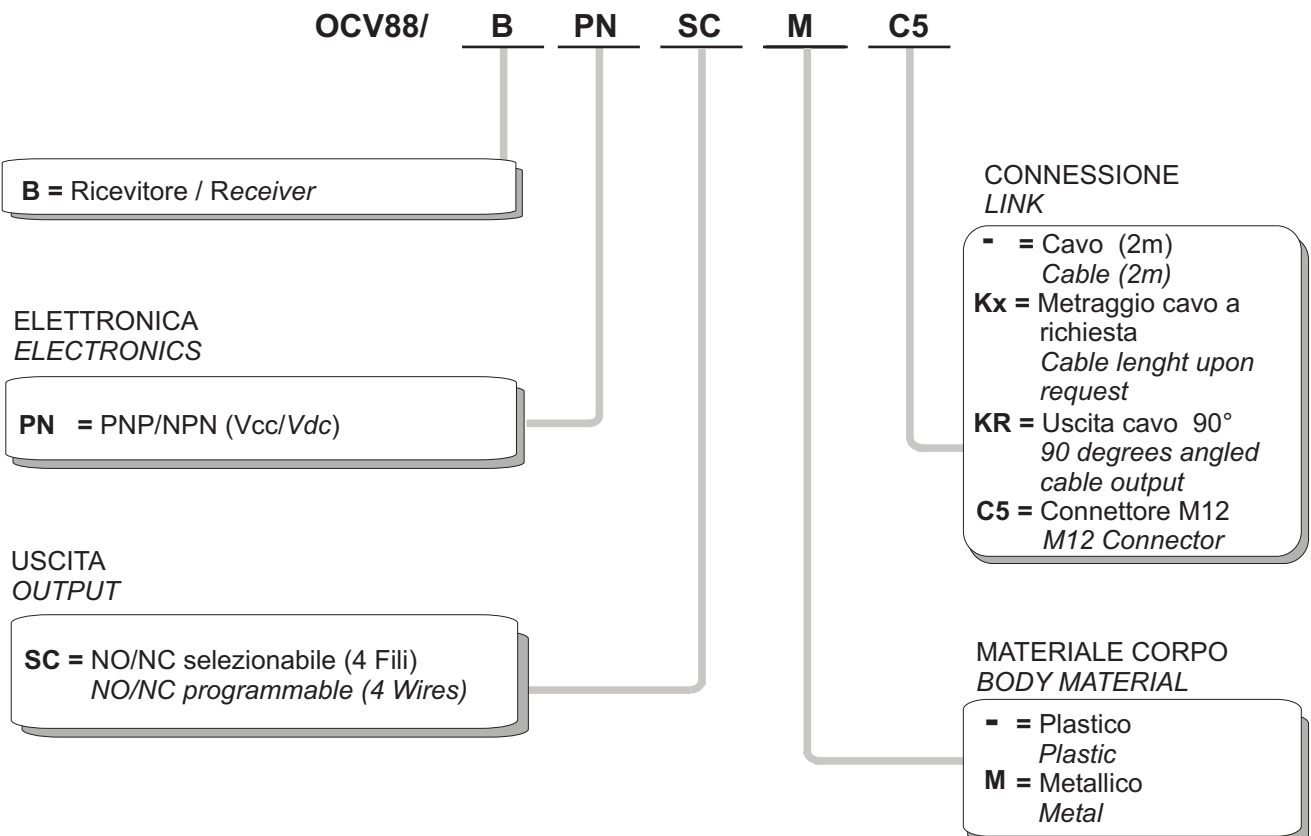
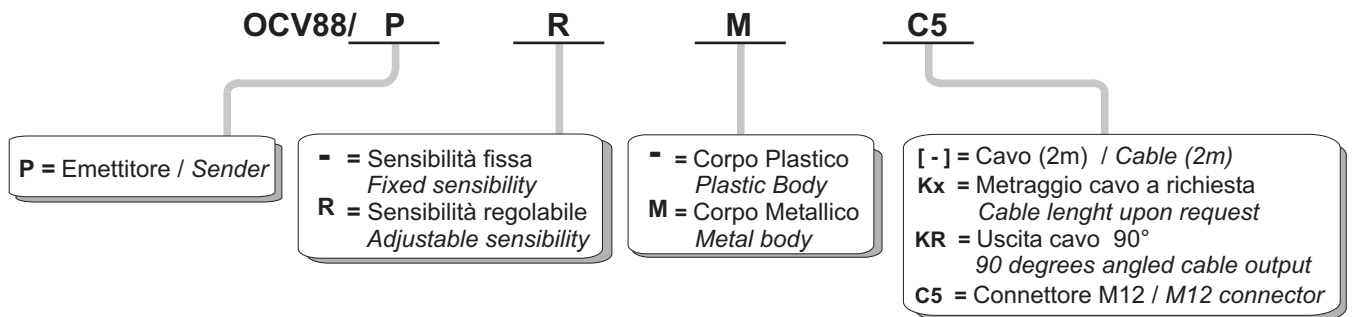


**BARRIERE FOTOELETTRICHE STANDARD M18  
MULTIFUNZIONE**  
**VERSIONI IN ALTERNATA O CONTINUA, CON  
PORTATA DA 15m C.C. - 10m A.C.**  
**USCITA CAVO O CONNETTORE M12.**  
**CONTENTITORE PLASTICO O METALLICO.**

**STANDARD MULTIFUNCTION M18 PHOTOELECTRIC  
SENSORS BEAM TYPE.**  
**AC OR DC VERSIONS, SENSING DISTANCE  
15m DC VERSIONS - 10m AC VERSIONS.**  
**CABLE OUT OR M12 PLUG-IN CONNECTOR.**  
**PLASTIC OR METAL BODY.**

COME ORDINARE

HOW TO ORDER

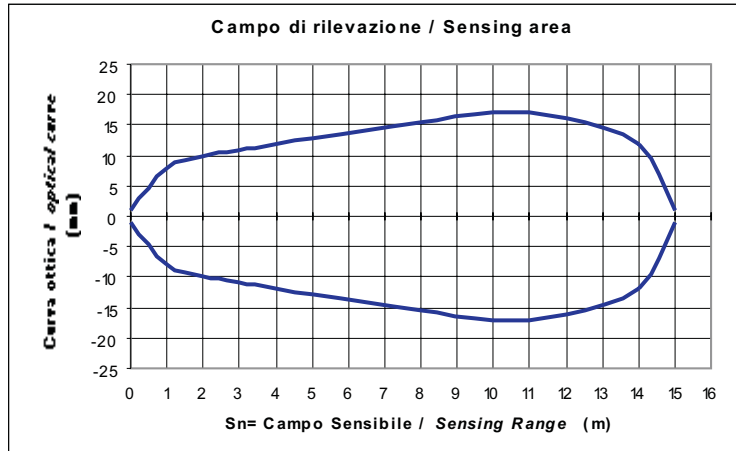
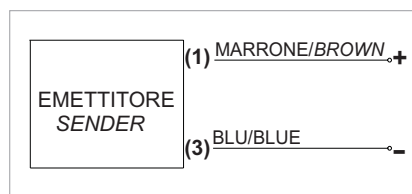
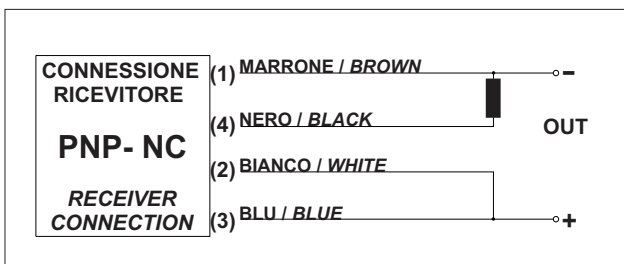
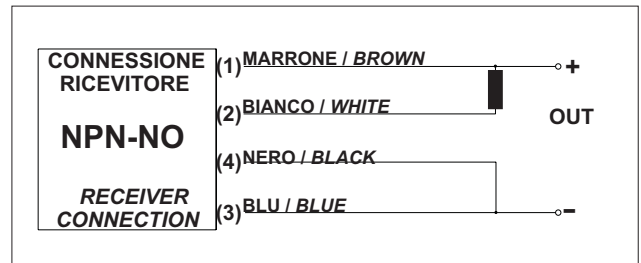


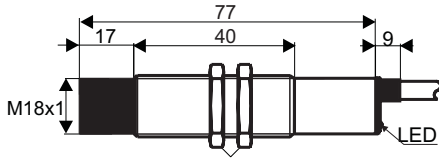
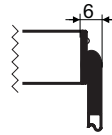
**CARATTERISTICHE ELETTRICHE**
**ELECTRICAL FEATURES**
**VERSIONE IN C.C.**
**D.C. TYPE**

	EMETTITORE/SENDER	RICEVITORE/RECEIVER	
ALIMENTAZIONE	<b>10 ÷ 30 Vdc</b>		SUPPLY VOLTAGE
ONDULAZIONE RESIDUA	<b>≤ 10%</b>		RIPPLE
ASSORBIMENTO	<b>&lt; 50 mA</b>	<b>&lt; 25 mA</b>	POWER CONSUMPTION
CARICO MASSIMO	-	<b>250 mA</b>	MAXIMUM LOAD
CADUTA DI TENSIONE	-	<b>&lt; 2V @ 250 mA</b>	VOLTAGE DROP
PROTEZIONE C.C.	-	<b>SI / YES</b>	SHORT CIRCUIT PROTECTION
PROTEZIONE INVERSIONE DI POLARITA'	<b>SI / YES</b>		POLARITY REVERSAL PROTECTION
COMPATIBILITA' ELETTROMAGNETICA CE	<b>EN 60947-5-2</b>		CE COMPLIANCE

**CARATTERISTICHE TECNICHE**
**TECHNICAL FEATURES**

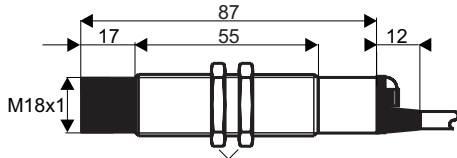
MODELLO	FISSO	OCV88/B - OCV88/P	FIXED	MODEL
	REG.	OCV88/B - OCV88/P...R	ADJ.	
DISTANZA DI RILEVAMENTO (mm)	<b>15 m</b>		SENSING DISTANCE (mm)	
	<b>0 ÷ 15 m</b>			
EMISSIONE	<b>IR MODULATO 880 nm - PULSED IR 880 nm</b>		EMISSION	
FREQUENZA DI COMMUTAZIONE MASSIMA	<b>30 Hz</b>		MAXIMUM WORKING FREQUENCY	
TEMPERATURA DI LAVORO	<b>-10°C ÷ 50°C</b>		WORKING TEMPERATURE	
TEMPERATURA DI STOCCAGGIO	<b>-25°C ÷ 70°C</b>		STORAGE TEMPERATURE	
MATERIALE CORPO PLASTICO	<b>ABS</b>		PLASTIC BODY MATERIAL	
MATERIALE CORPO METALLICO	<b>OTTONE NICHELATO / NICHEL PLATED BRASS</b>		METAL BODY MATERIAL	
MATERIALE LENTI	<b>PMMA</b>		LENSES MATERIAL	
GRADO DI PROTEZIONE	<b>IP65</b>		PROTECTION RATING	


**CONNESSIONI**
**CONNECTIONS**


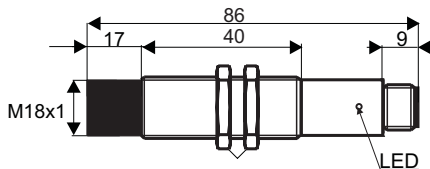
**DIMENSIONI MECCANICHE**
**MECHANICAL SIZE**
**CONTENITORE METALLICO / METAL BODY**
**VERSIONE NON REGOLABILE**
**FIXED VERSION**

 USCITA CAVO 90°  
 90 DEGREES ANGLED  
 CABLE OUTPUT

 VISTA PARTE SENSIBILE  
 SENSITIVE SIDE VIEW

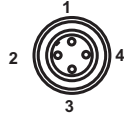
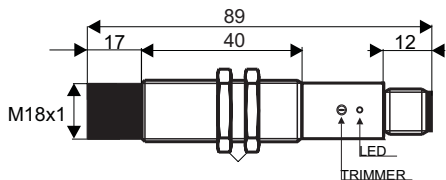
 VISTA USCITA CAVO  
 CABLE OUTPUT VIEW

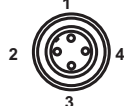
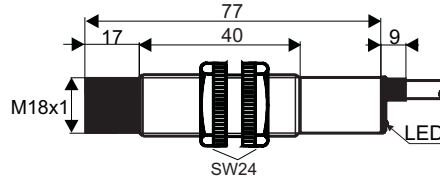
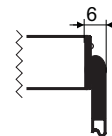
 VISTA USCITA CAVO 90°  
 90 DEGREES ANGLED  
 CABLE OUTPUT VIEW

**VERSIONE REGOLABILE**
**ADJUSTABLE VERSION**

 VISTA PARTE SENSIBILE  
 SENSITIVE SIDE VIEW

 VISTA USCITA CAVO  
 CABLE OUTPUT VIEW

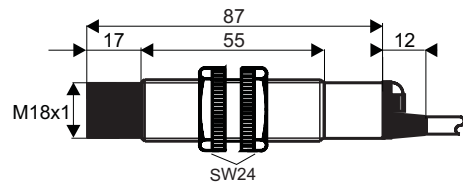
**VERSIONE NON REGOLABILE**
**FIXED VERSION**

 VISTA PARTE SENSIBILE  
 SENSITIVE SIDE VIEW

 VISTA USCITA CONNETTORE M12  
 M12 CONNECTOR OUTPUT VIEW

**VERSIONE REGOLABILE**
**ADJUSTABLE VERSION**

 VISTA PARTE SENSIBILE  
 SENSITIVE SIDE VIEW

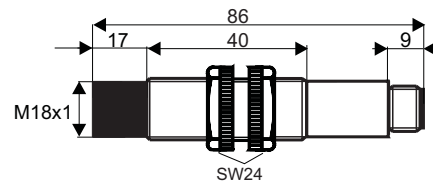
 VISTA USCITA CONNETTORE M12  
 M12 CONNECTOR OUTPUT VIEW

**CONTENITORE PLASTICO / PLASTIC BODY**
**VERSIONE NON REGOLABILE**
**FIXED VERSION**

 USCITA CAVO 90°  
 90 DEGREES ANGLED  
 CABLE OUTPUT

 VISTA PARTE SENSIBILE  
 SENSITIVE SIDE VIEW

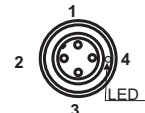
 VISTA USCITA CAVO  
 CABLE OUTPUT VIEW

 VISTA USCITA CAVO 90°  
 90 DEGREES ANGLED  
 CABLE OUTPUT VIEW

**VERSIONE REGOLABILE**
**ADJUSTABLE VERSION**

 VISTA PARTE SENSIBILE  
 SENSITIVE SIDE VIEW

 VISTA USCITA CAVO  
 CABLE OUTPUT VIEW

**VERSIONE NON REGOLABILE**
**FIXED VERSION**

 VISTA PARTE SENSIBILE  
 SENSITIVE SIDE VIEW

 VISTA USCITA CONNETTORE M12  
 M12 CONNECTOR OUTPUT VIEW


**ELENCO PRODOTTI**
**PRODUCTS LIST**
**EMETTITORE**
**SENDER**

	PLASTICA/PLASTIC		METALLICA/METAL	
	CAVO/CABLE	CONNETTORE/CONNECTOR	CAVO/CABLE	CONNETTORE/CONNECTOR
C.C.	OCV88/P	OCV88/PC5	OCV88/PM	OCV88/PMC5

**EMETTITORE VERSIONE REGOLABILE**
**SENDER ADJUSTABLE VERSION**

	PLASTICA/PLASTIC		METALLICA/METAL	
	CAVO/CABLE	CONNETTORE/CONNECTOR	CAVO/CABLE	CONNETTORE/CONNECTOR
C.C.	OCV88/PR	-	OCV88/PRM	OCV88/PRMC5

**RICEVITORE**
**RECEIVER**

	PLASTICA/PLASTIC		METALLICA/METAL	
	CAVO/CABLE	CONNETTORE/CONNECTOR	CAVO/CABLE	CONNETTORE/CONNECTOR
USCITA/OUTPUT				
PNP/NPN SC	OCV88/BPNSC	OCV88/BPNSCC5	OCV88/BPNSCM	OCV88/BPNSCMC5

**RIFERIMENTI CONNETTORI PARTE VOLANTE**
**CONNECTOR LOOSE PART CODES**

FEMMINA / FEMALE	DIRITTO/STRAIGHT	90° / DEGREES ANGLED CABLE OUTPUT	M12
CABLE / CABLE	L70500	C70500	3 POLI / 3 POLES
CEI 20-22 II - L= 5 m	L90500	C90500	4 POLI / 4 POLES

**FOTOCCELLULE CILINDRICHE M18  
BARRIERA PROIETTORE-RICEVITORE  
MULTIFUNZIONE CON LETTURA A 90°**

**SERIE OCV88/BA SERIES**

***PHOTOELECTRIC MULTIFUNCTION  
SENSORS BEAM TYPE  
SENDER - RECEIVER  
WITH RADIAL CYLINDRICAL HOUSING***

**FOTOCELLE CILINDRICHE M18 - BARRIERA - MULTIFUNZIONE CON LETTURA A 90°**  
**M18 PHOTOELECTRIC SENSORS - BEAM TYPE - MULTIFUNCTION WITH RADIAL CYLINDRICAL HOUSING**



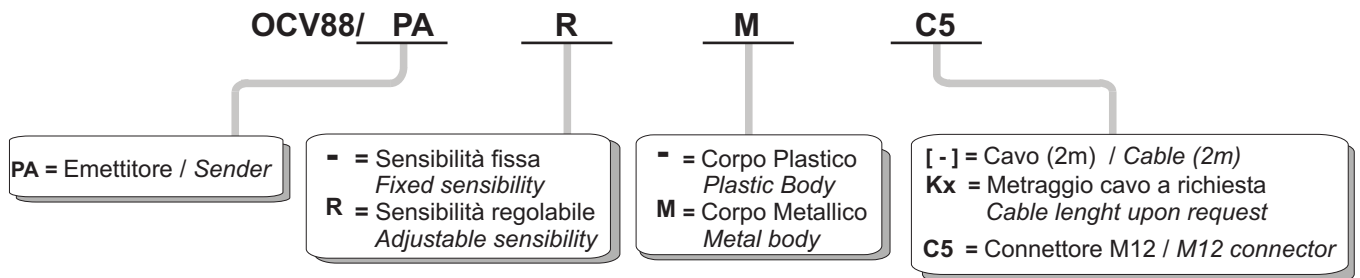
**BARRIERE FOTOELETTRICHE STANDARD M18  
 MULTIFUNZIONE CON LETTURA A 90°.  
 VERSIONI IN ALTERNATA O CONTINUA, CON  
 PORTATA DA 15m C.C. - 10m A.C.  
 USCITA CAVO O CONNETTORE M12.  
 CONTENITORE PLASTICO O METALLICO.**

**STANDARD MULTIFUNCTION M18 PHOTOELECTRIC  
 SENSORS BEAM TYPE WITH RADIAL CYLINDRICAL  
 HOUSING**

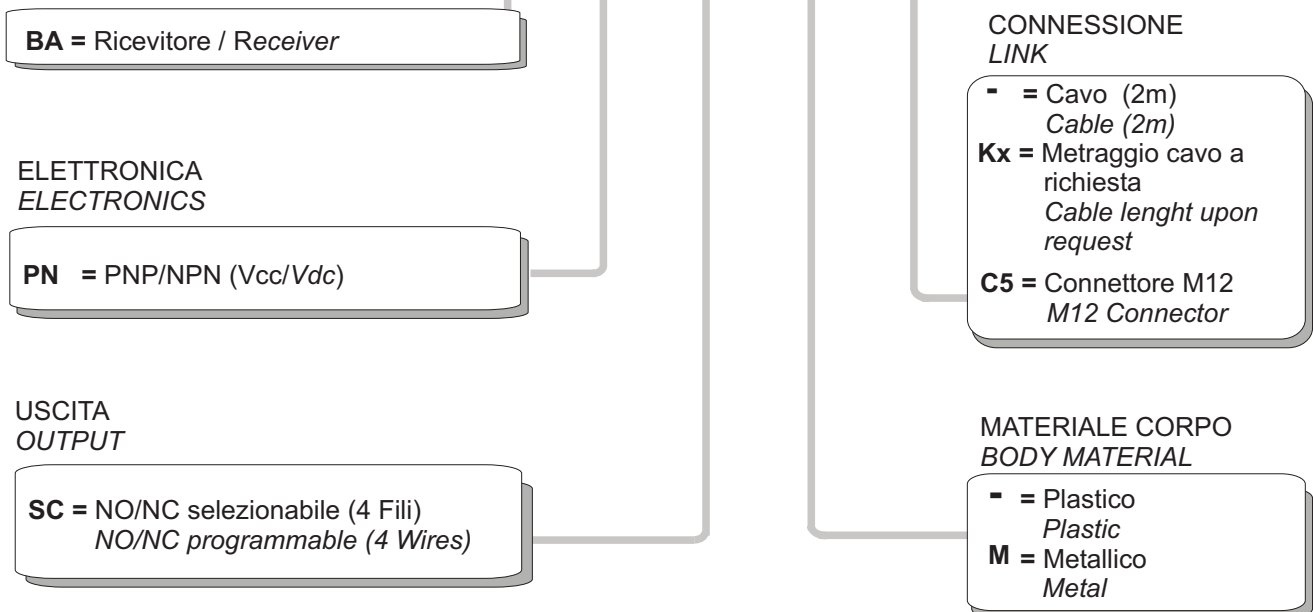
**AC OR DC VERSIONS, SENSING DISTANCE  
 15m DC VERSIONS - 10m AC VERSIONS.  
 CABLE OUT OR M12 PLUG-IN CONNECTOR.  
 PLASTIC OR METAL BODY.**

**COME ORDINARE**

**HOW TO ORDER**



**OCV88/ BA PN SC M C5**

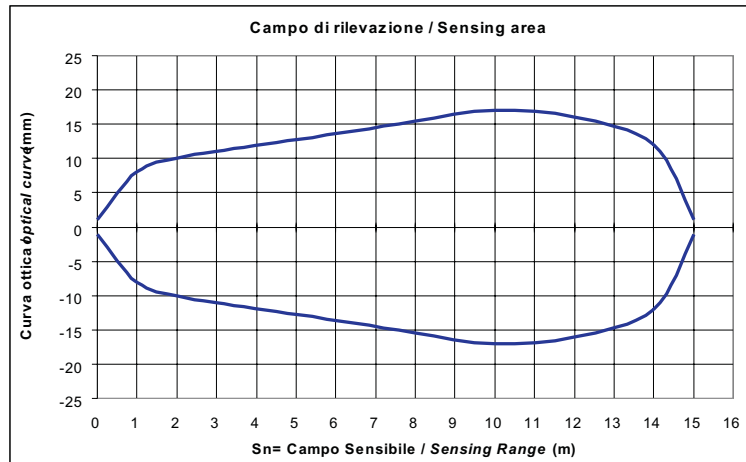
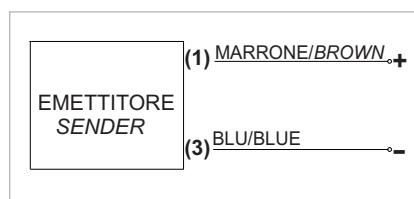
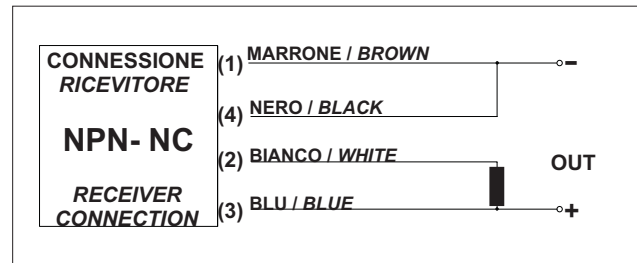
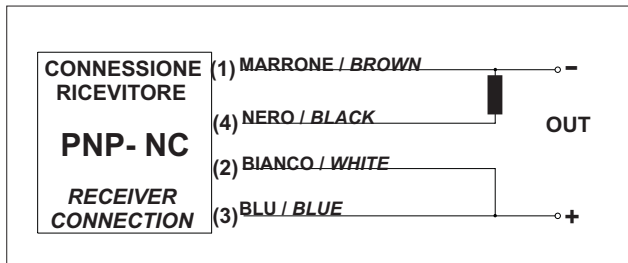


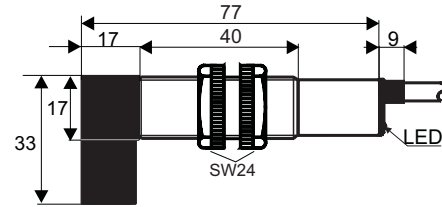
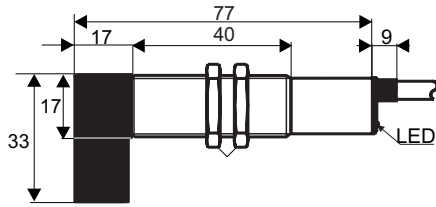
**CARATTERISTICHE ELETTRICHE**
**ELECTRICAL FEATURES**
**VERSIONE IN C.C.**
**D.C. TYPE**

	EMETTITORE/SENDER	RICEVITORE/RECEIVER	
ALIMENTAZIONE	10 ÷ 30 Vdc		SUPPLY VOLTAGE
ONDULAZIONE RESIDUA	≤ 10%		RIPPLE
ASSORBIMENTO	< 50 mA	< 25 mA	POWER CONSUMPTION
CARICO MASSIMO	-	250 mA	MAXIMUM LOAD
CADUTA DI TENSIONE	-	< 2V @ 250 mA	VOLTAGE DROP
PROTEZIONE C.C.	-	SI / YES	SHORT CIRCUIT PROTECTION
PROTEZIONE INVERSIONE DI POLARITA'	SI / YES		POLARITY REVERSAL PROTECTION
COMPATIBILITA' ELETTROMAGNETICA CE	EN 60947-5-2		CE COMPLIANCE

**CARATTERISTICHE TECNICHE**
**TECHNICAL FEATURES**

MODELLO	FISSO	OCV88/BA - OCV88/PA	FIXED	MODEL
	REG.	OCV88/BA - OCV88/PA...R	ADJ.	
DISTANZA DI RILEVAMENTO (mm)	(C.C.) 15 m (D.C.)		SENSING DISTANCE (mm)	
	0 ÷ 15 m			
EMISSIONE	IR MODULATO 880 nm – PULSED IR 880 nm		EMISSION	
FREQUENZA DI COMMUTAZIONE MASSIMA	30 Hz		MAXIMUM WORKING FREQUENCY	
TEMPERATURA DI LAVORO	-10°C ÷ 50°C		WORKING TEMPERATURE	
TEMPERATURA DI STOCCAGGIO	-25°C ÷ 70°C		STORAGE TEMPERATURE	
MATERIALE CORPO PLASTICO	ABS		PLASTIC BODY MATERIAL	
MATERIALE CORPO METALLICO	OTTONE NICHELATO / NICHEL PLATED BRASS		METAL BODY MATERIAL	
MATERIALE LENTI	PMMA		LENSES MATERIAL	
GRADO DI PROTEZIONE	IP65		PROTECTION RATING	

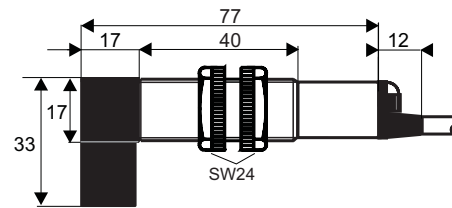
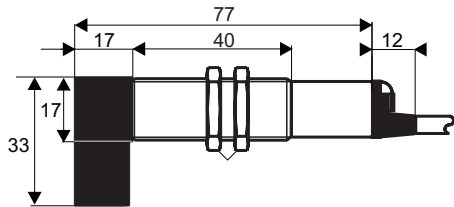

**CONNESSIONI**
**CONNECTIONS**


**DIMENSIONI MECCANICHE**
**MECHANICAL SIZE**
**CONTENITORE METALLICO / METAL BODY**
**CONTENITORE PLASTICO / PLASTIC BODY**
**VERSIONE NON REGOLABILE**
**FIXED VERSION**
**VERSIONE NON REGOLABILE**
**FIXED VERSION**

 VISTA PARTE SENSIBILE  
 SENSITIVE SIDE VIEW

 VISTA USCITA CAVO  
 CABLE OUTPUT VIEW

 VISTA PARTE SENSIBILE  
 SENSITIVE SIDE VIEW

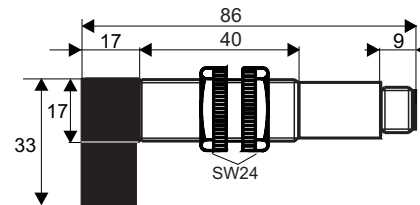
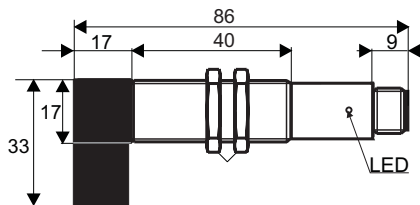
 VISTA USCITA CAVO  
 CABLE OUTPUT VIEW

**VERSIONE REGOLABILE**
**ADJUSTABLE VERSION**
**VERSIONE REGOLABILE**
**ADJUSTABLE VERSION**

 VISTA PARTE SENSIBILE  
 SENSITIVE SIDE VIEW

 VISTA USCITA CAVO  
 CABLE OUTPUT VIEW

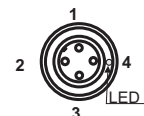
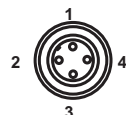
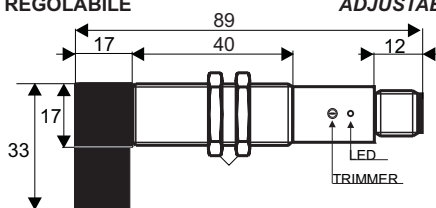
 VISTA PARTE SENSIBILE  
 SENSITIVE SIDE VIEW

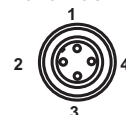
 VISTA USCITA CAVO  
 CABLE OUTPUT VIEW

**VERSIONE NON REGOLABILE**
**FIXED VERSION**
**VERSIONE NON REGOLABILE**
**FIXED VERSION**

 VISTA PARTE SENSIBILE  
 SENSITIVE SIDE VIEW

 VISTA USCITA CONNETTORE M12  
 M12 CONNECTOR OUTPUT VIEW

 VISTA PARTE SENSIBILE  
 SENSITIVE SIDE VIEW

 VISTA USCITA CONNETTORE M12  
 M12 CONNECTOR OUTPUT VIEW

**VERSIONE REGOLABILE**
**ADJUSTABLE VERSION**

 VISTA PARTE SENSIBILE  
 SENSITIVE SIDE VIEW

 VISTA USCITA CONNETTORE M12  
 M12 CONNECTOR OUTPUT VIEW


**ELENCO PRODOTTI**
**PRODUCTS LIST**
**EMETTITORE**
**SENDER**

	PLASTICA/PLASTIC		METALLICA/METAL	
	CAVO/CABLE	CONNETTORE/CONNECTOR	CAVO/CABLE	CONNETTORE/CONNECTOR
C.C.	OCV88/PA	OCV88/PAC5	OCV88/PAM	OCV88/PAMC5

**EMETTITORE VERSIONE REGOLABILE**
**SENDER ADJUSTABLE VERSION**

	PLASTICA/PLASTIC		METALLICA/METAL	
	CAVO/CABLE	CONNETTORE/CONNECTOR	CAVO/CABLE	CONNETTORE/CONNECTOR
C.C.	OCV88/PAR	-	OCV88/PARM	OCV88/PARMC5

**RICEVITORE**
**RECEIVER**

	PLASTICA/PLASTIC		METALLICA/METAL	
	CAVO/CABLE	CONNETTORE/CONNECTOR	CAVO/CABLE	CONNETTORE/CONNECTOR
USCITA/OUTPUT				
PNP/NPN SC	OCV88/BAPNSC	OCV88/BAPNSCC5	OCV88/BAPNSCM	OCV88/BAPNSCMC5

**RIFERIMENTI CONNETTORI PARTE VOLANTE**
**CONNECTOR LOOSE PART CODES**

FEMMINA / FEMALE	DIRITTO/STRAIGHT	90° / DEGREES ANGLED CABLE OUTPUT	M12
CABLE / CABLE	L70500	C70500	3 POLI / 3 POLES
CEI 20-22 II - L= 5 m	L90500	C90500	4 POLI / 4 POLES