

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

**SERIE OCV88/CA SERIES**

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

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



**FOTOCELLULE 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*

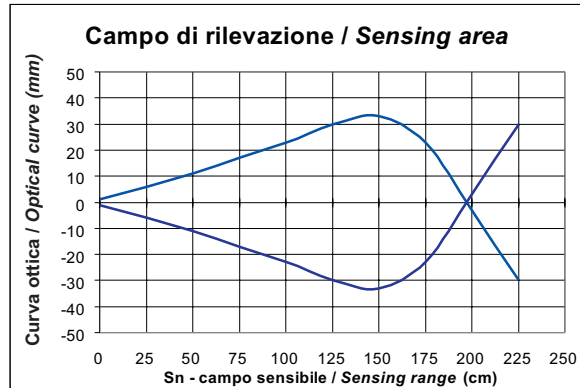
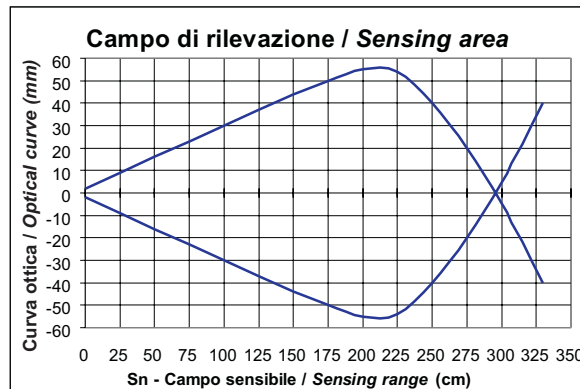
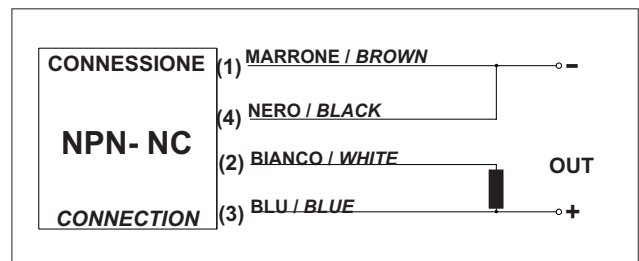
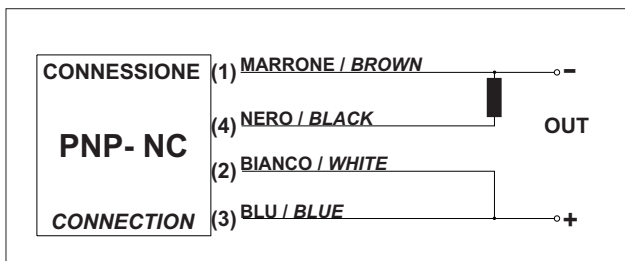
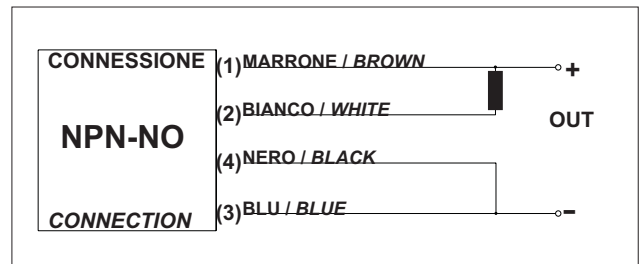
**CARATTERISTICHE ELETTRICHE**
**ELECTRICAL FEATURES**
**VERSIONE IN C.C.**
**D.C. TYPE**

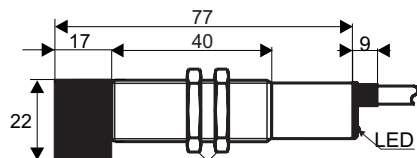
|                                    |                     |                                     |
|------------------------------------|---------------------|-------------------------------------|
| ALIMENTAZIONE                      | <b>10 ÷ 30 Vdc</b>  | <i>SUPPLY VOLTAGE</i>               |
| ONDULAZIONE 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**

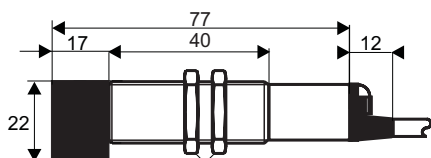
| <b>MODELLO</b>                    | <b>FISSO<br/>REG</b> | <b>CA<br/>CA...R</b>                          | <b>*CA<br/>*CA...R</b> | <b>FIXED<br/>ADJ</b> | <b>MODEL</b>                     |
|-----------------------------------|----------------------|-----------------------------------------------|------------------------|----------------------|----------------------------------|
| DISTANZA DI RILEVAMENTO (mm)      |                      | <b>2000<br/>2÷2000</b>                        | <b>3000<br/>2÷3000</b> |                      | <i>(mm) SENSING DISTANCE</i>     |
| 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

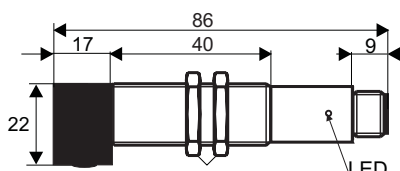
**CURVE OTTICHE**
**OPTIC CURVES**
**MODELLO C TYPE**  
**CATARIFRANGENTE SCT2 REFLECTOR**

**MODELLO C TYPE**  
**CATARIFRANGENTE SCT4 REFLECTOR**

**CONNESSIONI**
**CONNECTIONS**


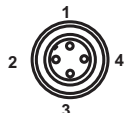
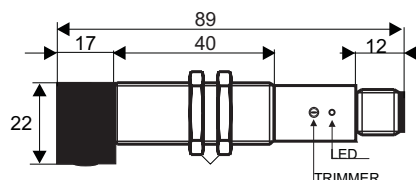
**DIMENSIONI MECCANICHE**
**MECHANICAL SIZE**
**CONTENITORE METALLICO / METAL BODY**
**VERSIONE NON REGOLABILE**
**FIXED VERSION**

VISTA PARTE SENSIBILE  
SENSITIVE SIDE VIEW

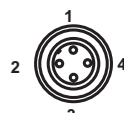
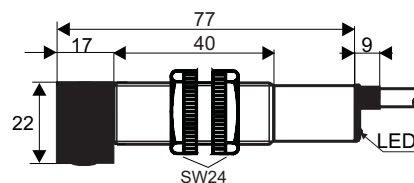
VISTA USCITA CAVO  
CABLE OUTPUT VIEW

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

VISTA PARTE SENSIBILE  
SENSITIVE SIDE VIEW

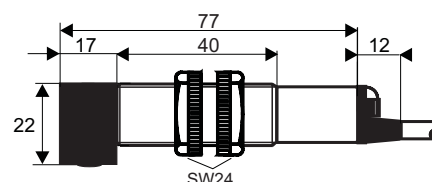
VISTA USCITA CAVO  
CABLE OUTPUT VIEW

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

VISTA PARTE SENSIBILE  
SENSITIVE SIDE VIEW

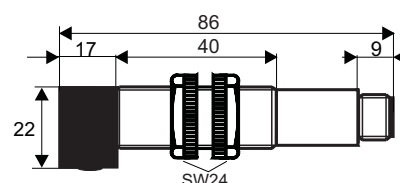
VISTA USCITA CONNETTORE M12  
M12 CONNECTOR OUTPUT VIEW

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

VISTA PARTE SENSIBILE  
SENSITIVE SIDE VIEW

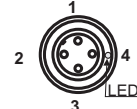
VISTA USCITA CONNETTORE M12  
M12 CONNECTOR OUTPUT VIEW

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

VISTA PARTE SENSIBILE  
SENSITIVE SIDE VIEW

VISTA USCITA CAVO  
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 / <i>PLASTIC</i> |                              | METALLO / <i>METAL</i> |                              |
|------------------------|---------------------------|------------------------------|------------------------|------------------------------|
| USCITA / <i>OUTPUT</i> | CAVO / <i>CABLE</i>       | CONNETTORE/ <i>CONNECTOR</i> | CAVO / <i>CABLE</i>    | CONNETTORE/ <i>CONNECTOR</i> |
| PNP/NPN SC             | OCV88/CAPNSC              | OCV88/CAPNSCC5               | OCV88/CAPNSCM          | OCV88/CAPNSCMC5              |

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

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

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

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

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

| Ø 50mm | Ø 80mm |
|--------|--------|
| SCT2   | SCT4   |