

# FOTOCPELLULE CILINDRICHE M12

TASTEGGIO DIRETTO / DIFFUSE TYPE

SERIE **OCV80/D** *SERIES*

BARRIERA / *BEAM TYPE*

SERIE **OCV80/B** *SERIES*

***M12 PHOTOELECTRIC CYLINDRICAL  
SENSORS***

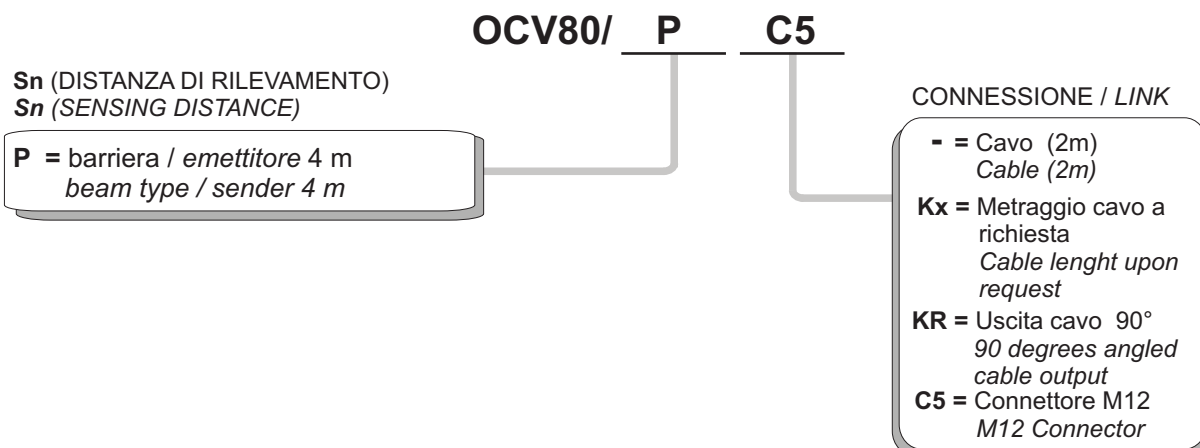
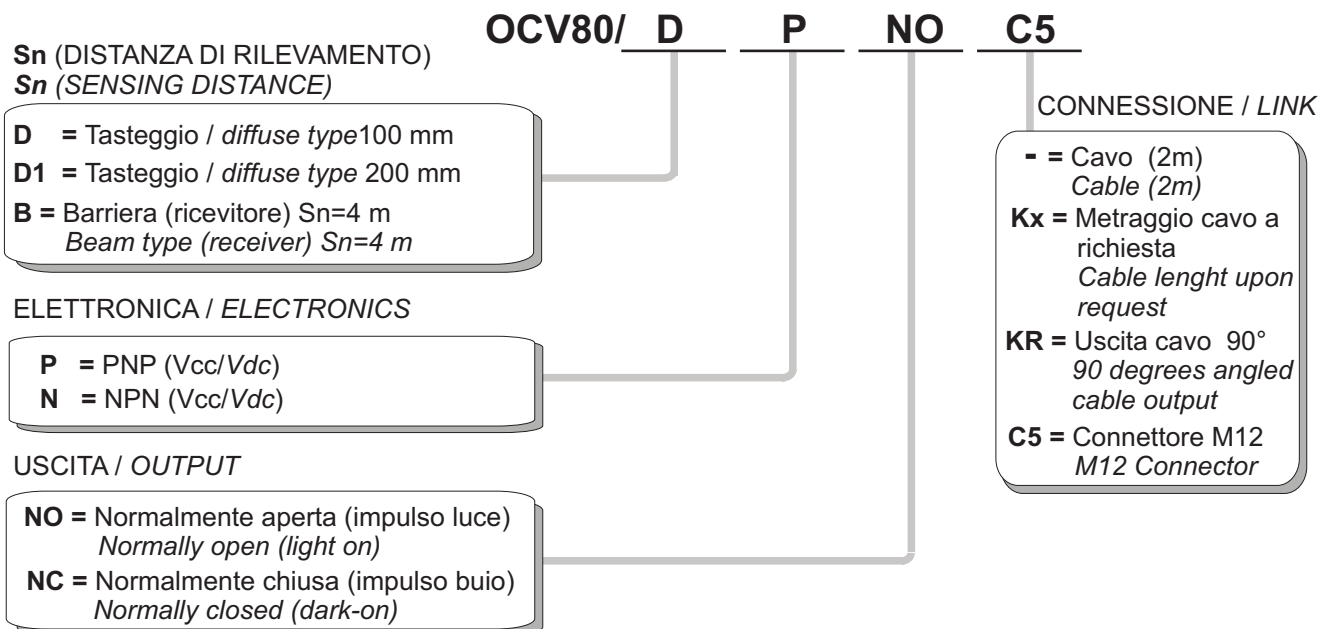
# FOTOCELLULE CILINDRICHE M12 - TASTEGGIO DIRETTO - BARRIERA

## M12 CYLINDRICAL PHOTOELECTRIC SENSORS - DIFFUSE TYPE - BEAM TYPE



FOTOCELLULE STANDARD M12 A TASTEGGIO DIRETTO E BARRIERA.  
 VERSIONI A TASTEGGIO CON PORTATA 100 E 200 mm.  
 BARRIERE PORTATA 4 m .  
 USCITA CAVO O CONNETTORE M12.  
 CONTENITORE METALLICO.

*STANDARD M12 PHOTOELECTRIC SENSORS  
 DIFFUSE TYPE & BEAM TYPE.  
 DIFFUSE TYPE WITH SENSING DISTANCE 100 & 200 mm.  
 BEAM TYPE WITH SENSING DISTANCE 4 m.  
 CABLE OUT OR M12 PLUG-IN CONNECTOR.  
 METAL BODY*

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


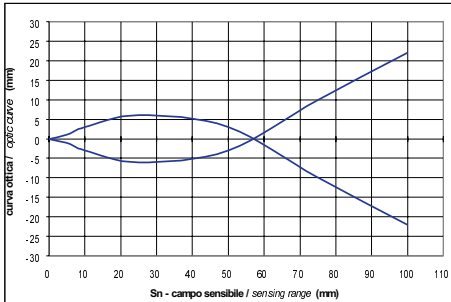
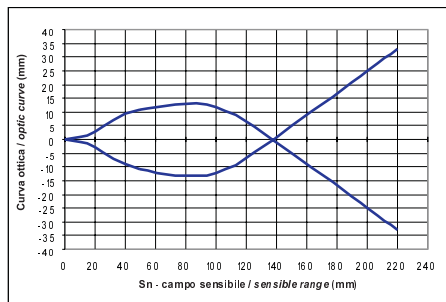
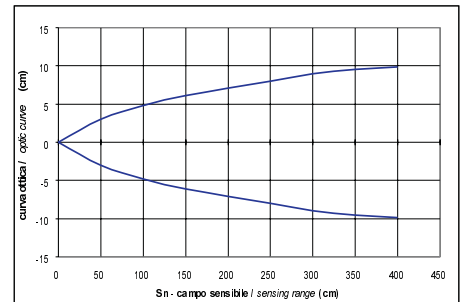
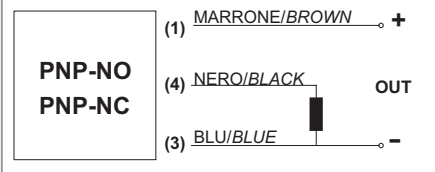
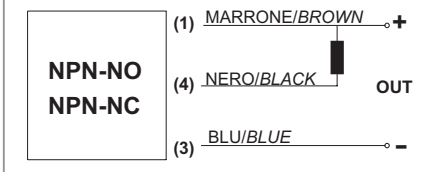
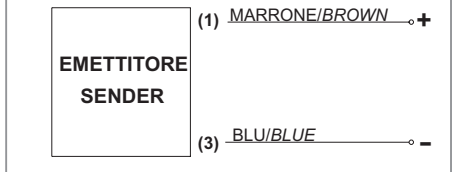
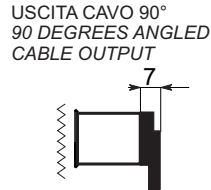
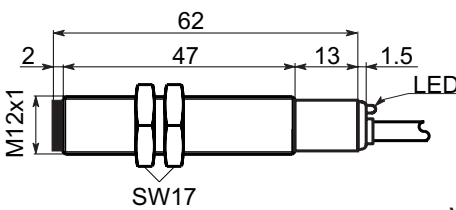
**CARATTERISTICHE ELETTRICHE**
**ELECTRICAL FEATURES**
**VERSIONE IN C.C.**
**D.C. TYPE**

ALIMENTAZIONE	10 ÷ 30 Vdc	SUPPLY VOLTAGE
ONDULAZIONE RESIDUA	≤ 10%	RIPPLE
ASSORBIMENTO	< 25 mA	POWER CONSUMPTION
CARICO MASSIMO	250 mA	MAXIMUM LOAD
CADUTA DI TENSIONE	< 2V @ 200 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

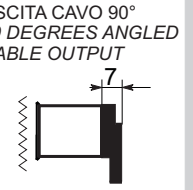
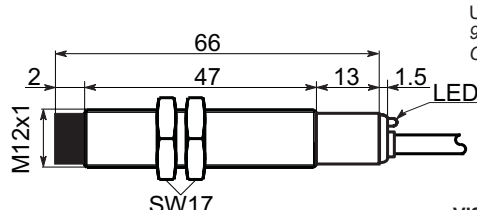
**CARATTERISTICHE TECNICHE**
**TECHNICAL FEATURES**

MODELLO	OCV80/D*	OCV80/D1*	OCV80/B OCV80/P	MODEL
DISTANZA DI RILEVAMENTO	100 mm	200mm	4 m	SENSING DISTANCE
EMISSIONE	IR MODULATO 880 nm – PULSED IR 880 nm			EMISSION
FREQUENZA DI COMMUTAZIONE MASSIMA	150 Hz		50 Hz	MAXIMUM WORKING FREQUENCY
TEMPERATURA DI LAVORO	-10°C ÷ 50°C			WORKING TEMPERATURE
TEMPERATURA DI STOCCAGGIO	-25°C ÷ 70°C			STORAGE TEMPERATURE
MATERIALE CORPO METALLICO	OTTONE NICHELATO / NICHEL PLATED BRASS			METAL BODY MATERIAL
MATERIALE LENTI	PMMA			LENSES MATERIAL
GRADO DI PROTEZIONE	IP66			PROTECTION RATING

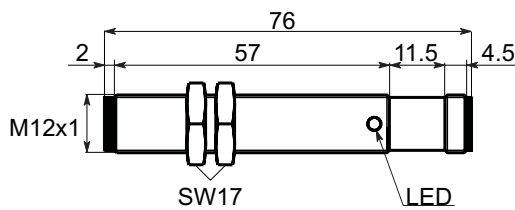
\* PORTATA DEFINITA SU CARTA BIANCA CON RIFLESSIONE DEL 90% DIMENSIONI 100 x 100 mm  
 SENSING DISTANCE DEFINED ON WHITE PAPER WITH 90% REFLEX DIMENSIONS 100 x 100 mm

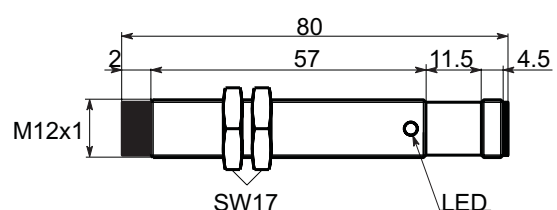
**CURVE OTTICHE**
**OPTIC CURVES**
**MODELLO D TYPE**

**MODELLO D1 TYPE**

**MODELLO B TYPE**

**CONNESSIONI**
**CONNECTIONS**
**TASTEGGIO - BARRIERA (RICEVITORE)**  
**DIFFUSE TYPE - BEAM TYPE (RECEIVER)**

**TASTEGGIO - BARRIERA (RICEVITORE)**  
**DIFFUSE TYPE - BEAM TYPE (RECEIVER)**

**BARRIERA (EMETTITORE)**  
**BEAM TYPE (SENDER)**

**DIMENSIONI MECCANICHE**
**MECHANICAL SIZE**
**TASTEGGIO DIRETTO / DIFFUSE TYPE**
**\*BARRIERA / \*BEAM TYPE**
**USCITA CAVO**
**CABLE OUTPUT**

**VISTA PARTE SENSIBILE**  
**SENSITIVE SIDE VIEW**
**VISTA USCITA CAVO**  
**CABLE OUTPUT VIEW**
**VISTA USCITA CAVO 90°**  
**90 DEGREES ANGLED**  
**CABLE OUTPUT VIEW**

**USCITA CAVO**  
**CABLE OUTPUT**

**USCITA CAVO**
**CABLE OUTPUT**

**VISTA PARTE SENSIBILE**  
**SENSITIVE SIDE VIEW**
**VISTA USCITA CAVO**  
**CABLE OUTPUT VIEW**
**VISTA USCITA CAVO 90°**  
**90 DEGREES ANGLED**  
**CABLE OUTPUT VIEW**

**USCITA CAVO**  
**CABLE OUTPUT**

**USCITA CONNETTORE M12**
**M12 CONNECTOR OUTPUT**

**VISTA PARTE SENSIBILE**  
**SENSITIVE SIDE VIEW**
**VISTA USCITA CONNETTORE C5**  
**C5 CONNECTOR OUTPUT VIEW**

**USCITA CONNETTORE M12**
**M12 CONNECTOR OUTPUT**

**VISTA PARTE SENSIBILE**  
**SENSITIVE SIDE VIEW**
**VISTA USCITA CONNETTORE C5**  
**C5 CONNECTOR OUTPUT VIEW**

**\*EMETTITORE E RICEVITORE HANNO LE STESSA DIMENSIONI**  
**\*SENDER AND RECEIVER HAVE SAME DIMENSIONS**

**TASTEGGIO DIRETTO / DIFFUSE TYPE**
**MODELLO D - Sn = 100 mm**
**D TYPE - Sn = 100 mm**

	METALLICA / METAL	
USCITA/OUTPUT	CAVO / CABLE	CONNETTORE/CONNECTOR
PNP NO	OCV80/DPNO	OCV80/DPNOC5
PNP NC	OCV80/DPNC	OCV80/DPNCC5
NPN NO	OCV80/DNNO	OCV80/DNNOC5
NPN NC	OCV80/DNNC	OCV80/DNNCC5

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

	METALLICA / METAL	
USCITA/OUTPUT	CAVO / CABLE	CONNETTORE/CONNECTOR
PNP NO	OCV80/D1PNO	OCV80/D1PNOC5
PNP NC	OCV80/D1PNC	OCV80/D1PNCC5
NPN NO	OCV80/D1NNO	OCV80/D1NNOC5
NPN NC	OCV80/D1NNC	OCV80/D1NNCC5

**BARRIERA / BEAM TYPE**
**MODELLO P - EMETTITORE**
**P TYPE - SENDER**

	METALLICA / METAL	
USCITA/OUTPUT	CAVO / CABLE	CONNETTORE/CONNECTOR
	OCV80/P	OCV80/PC5

**MODELLO B - RICEVITORE**
**B TYPE - RECEIVER**

	METALLICA / METAL	
USCITA/OUTPUT	CAVO / CABLE	CONNETTORE/CONNECTOR
PNP NO	OCV80/BPNO	OCV80/BPNOC5
PNP NC	OCV80/BPNC	OCV80/BPNCC5
NPN NO	OCV80/BNNO	OCV80/BNNOC5
NPN NC	OCV80/BNNC	OCV80/BNNCC5

**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

**Altri prodotti**

- interruttori di prossimità induttivi;
- interruttori di prossimità capacitivi;
- interruttori di prossimità magnetici;
- interruttori di prossimità fotoelettrici;
  
- connettori e cassette di connessione per sensori;
  
- encoder incrementali ed assoluti;
  
- alimentatori / interfacce per sensori;
- alimentatori da rete e da secondario per uso generico;
  
- voltmetri, amperometri, contagiri, visualizzatori a pannello;
- contaimpulsi mono e bidirezionali, contaproduzione, contagiri;
- termometri e termoregolatori
  
- schede logiche programmabili per uso OEM;
  
- pulsanteria e finecorsa meccanici;

**Other products:**

- *inductive proximity switches;*
- *capacitive proximity switches;*
- *magnetic proximity switches;*
- *photo-electric sensors & proximity switches;*
  
- *connectors & connection boxes for sensor;*
  
- *incremental & absolute encoders;*
  
- *supply units / interfaces for sensors;*
- *power supply units for general purpose;*
  
- *voltmeters, ammeters, revolution counters, panel displays;*
- *counters mono & bi-directional, timers, revolution counters;*
- *thermometers & temperature controllers;*
  
- *OEM programmable logic cards;*
  
- *push-button & mechanical limit switches;*