

**FOTOCELLULE CILINDRICHE M12**

**TASTEGGIO DIRETTO / DIFFUSE TYPE**

**SERIE OCV80/D** *SERIES*

**BARRIERA / BEAM TYPE**

**SERIE OCV80/B** *SERIES*

***M12 PHOTOELECTRIC CYLINDRICAL  
SENSORS***

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# **FOTOCELLULE CILINDRICHE M12 - TASTEGGIO DIRETTO - BARRIERA** **M12 CYLINDRICAL PHOTOELECTRIC SENSORS - DIFFUSE TYPE - BEAM TYPE**

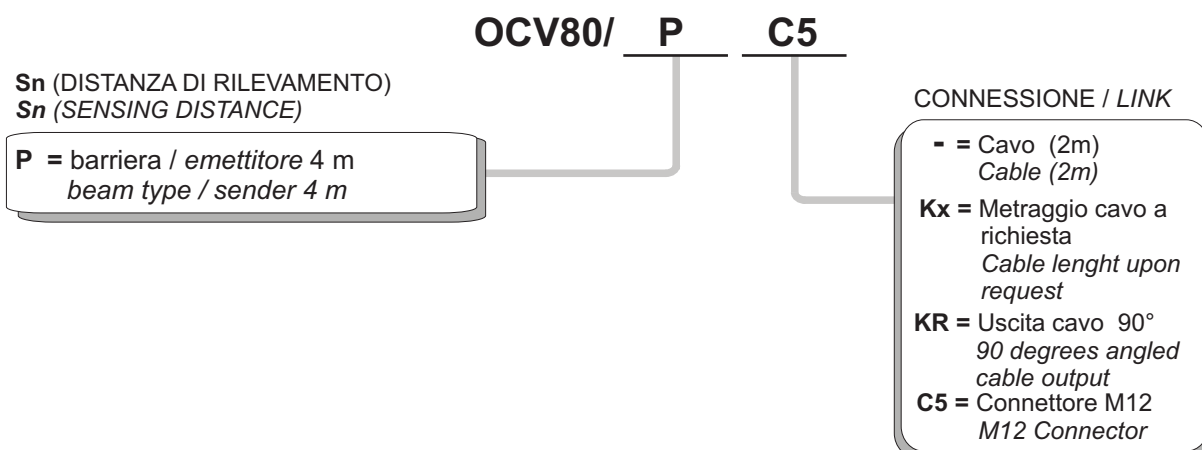
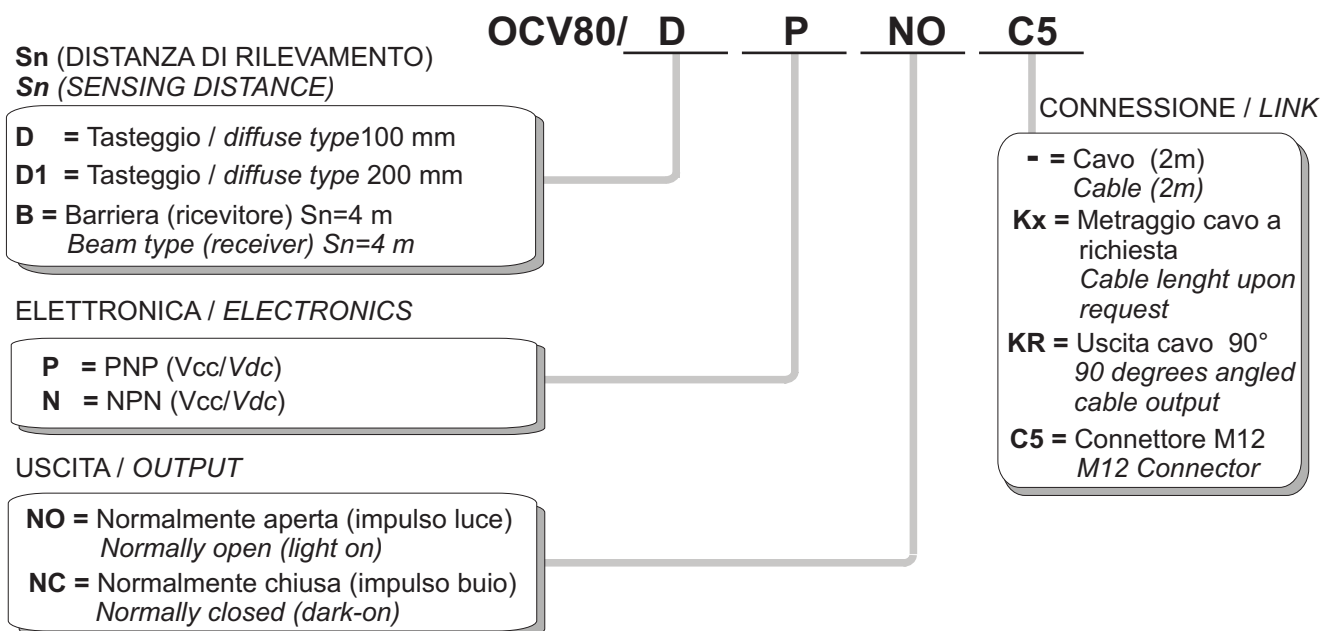


**FOTOCELLULE STANDARD M12 A TASTEGGIO DIRETTO E BARRIERA.**  
**VERSIONI A TASTEGGIO CON PORTATA 100 E 200 mm.**  
**BARRIERE PORTATA 4 m .**  
**USCITA CAVO O CONNETTORE M12.**  
**CONTENITORE METALLICO.**

**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



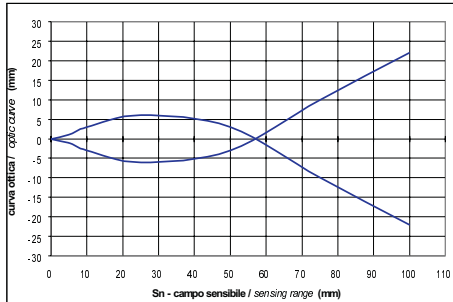
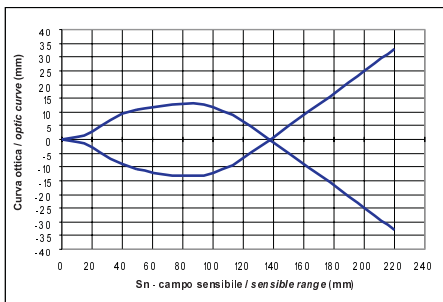
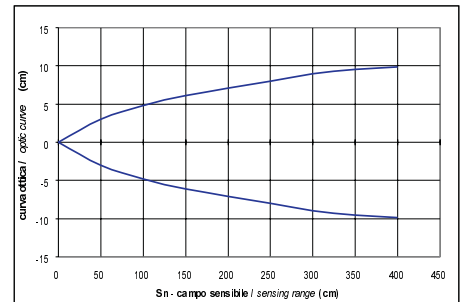
**CARATTERISTICHE ELETTRICHE**
**ELECTRICAL FEATURES**
**VERSIONE IN C.C.**
**D.C. TYPE**

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' ELETTRROMAGNETICA CE	EN 60947-5-2	CE COMPLIANCE

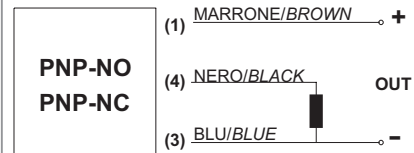
**CARATTERISTICHE TECNICHE**
**TECHNICAL FEATURES**

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

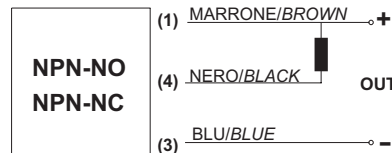
\* PORTATA DEFINITA SU CARTA BIANCA CON RIFLESSIONE DEL 90% DIMENSIONI 100 x 100 mm  
 SENSING DISTANCE DEFINED ON WHITE PAPER WITH 90% REFLEX DIMENSIONS 100 x 100 mm

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

**MODELLO D1 TYPE**

**MODELLO B TYPE**

**CONNESSIONI**
**CONNECTIONS**

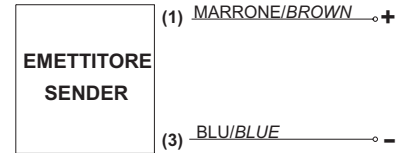
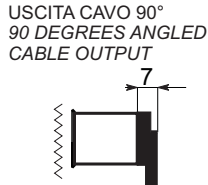
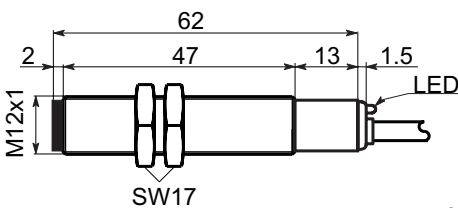
TASTEGGIO - BARRIERA (RICEVITORE)  
 DIFFUSE TYPE - BEAM TYPE (RECEIVER)



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



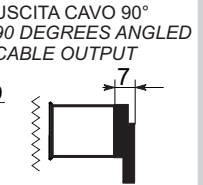
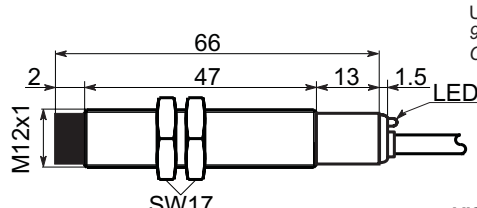
BARRIERA (EMETTITORE)  
 BEAM TYPE (SENDER)


**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

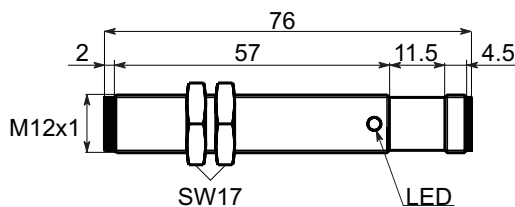
VISTA USCITA CAVO 90°  
 90 DEGREES ANGLED  
 CABLE OUTPUT VIEW


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


VISTA PARTE SENSIBILE  
 SENSITIVE SIDE VIEW

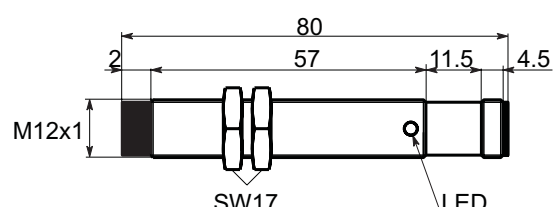
VISTA USCITA CAVO  
 CABLE OUTPUT VIEW

VISTA USCITA CAVO 90°  
 90 DEGREES ANGLED  
 CABLE OUTPUT VIEW


**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