

**INTERRUTTORI DI PROSSIMITA'
INDUTTIVI A
PORTATA MAGGIORATA**

**SERIE
SERIES B88**

"GRAN BALÔN EXTENDED" LINE

***INDUCTIVE PROXIMITY SWITCHES
SERIES LONG RANGE***

INTERRUTTORI DI PROSSIMITA' INDUTTIVI A PORTATA MAGGIORATA LONG RANGE INDUCTIVE PROXIMITY SWITCHES

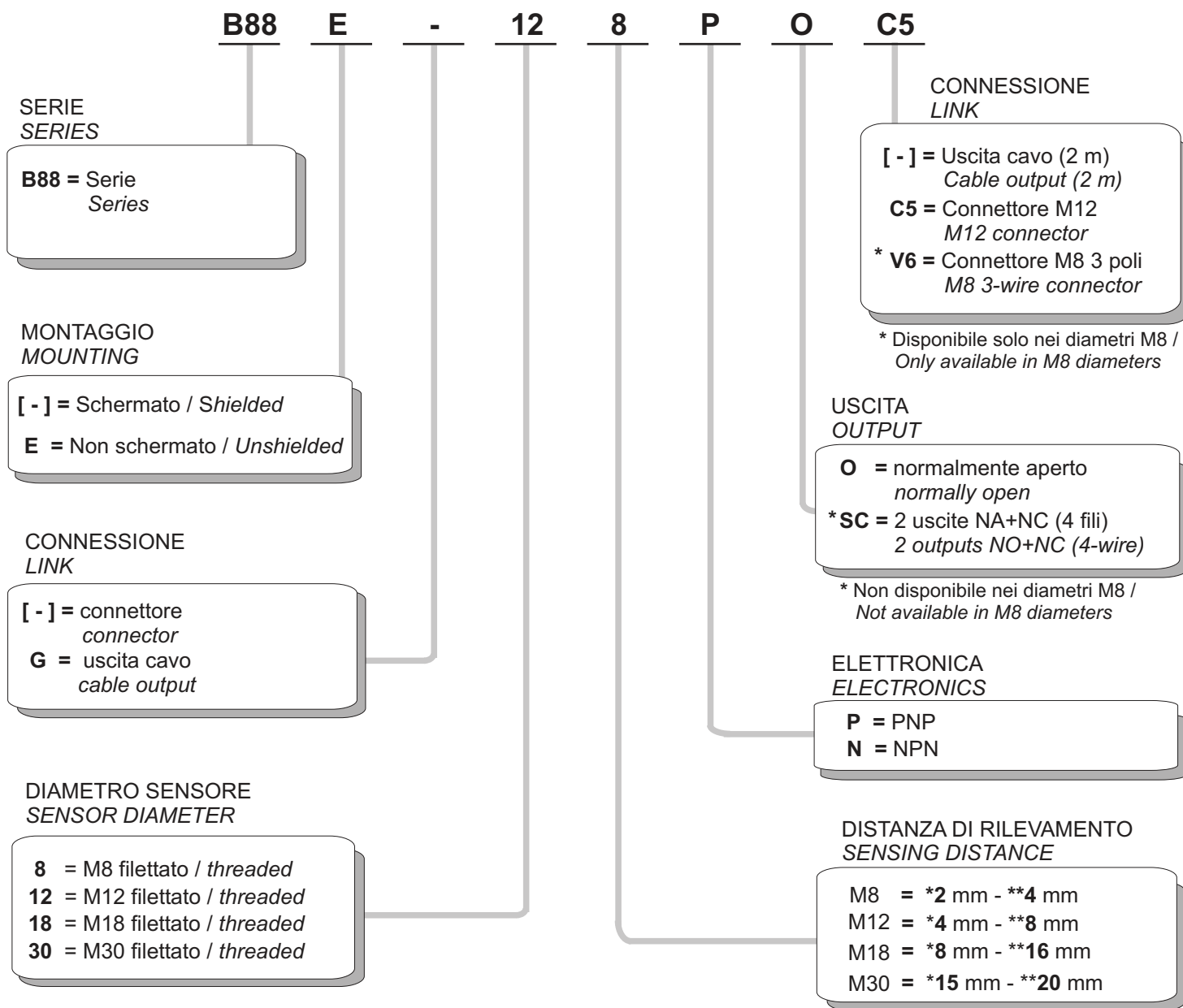


- ⇒ INTERRUTTORI DI PROSSIMITA' CILINDRICI
INDUTTIVI DIAMETRO 8 - 12 - 18 - 30 mm
- ⇒ USCITA CAVO O CONNETTORI M8 - M12
- ⇒ ALIMENTAZIONE IN C.C. 10 ÷ 30 Vcc

- ⇒ INDUCTIVE CYLINDRICAL PROXIMITY SWITCHES
8 - 12 - 18 - 30 mm DIAMETER
- ⇒ CABLE OUTPUT OR M8 - M12 CONNECTORS OUTPUT
- ⇒ C.C. 10 ÷ 30 Vdc SUPPLY VERSION

COME ORDINARE

HOW TO ORDER



PLEASE NOTE: this matrix is intended only to aid you in identifying sensor catalog listing. It is not all-inclusive and must not be used to form new listings.
NOTA BENE: questo schema è fornito solo per aiutare a identificare le caratteristiche dei prodotti a catalogo. Non è onnicomprensivo e pertanto non deve essere usato per creare nuovi riferimenti di prodotti.

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CARATTERISTICHE ELETTRICHE
ELECTRICAL FEATURES

ALIMENTAZIONE	10 ÷ 30 V _{cc/Vdc}	SUPPLY VOLTAGE
ONDULAZIONE RESIDUA	≤ 10%	RIPPLE
ASSORBIMENTO	≤ 10 mA	POWER CONSUMPTION
CARICO MASSIMO	200 mA	MAXIMUM LOAD
CADUTA DI TENSIONE	< 3 V @ 200 mA	VOLTAGE DROP
PROTEZIONE AL CORTO CIRCUITO	SI / YES	SHORT CIRCUIT PROTECTION
PROTEZIONE INVERS. POLARITÀ	SI / YES	REVERSE POLARITY PROTECTION
LED DI SEGNALE	SI / YES	OUTPUT STATUS LED
COMPATIBILITÀ ELETTROMAGNETICA CE	EN60947-5-2	CE COMPLIANCE
CERTIFICAZIONE	CE	CERTIFICATION

CARATTERISTICHE TECNICHE
TECHNICAL FEATURES
SENSORI DIAMETRO 8 - 12 mm
8 - 12 mm DIAMETER SENSORS

	M8		M12		
SCHERMATO	.	.	.	.	SHIELDED (FLUSH)
NON SCHERMATO	.	.	.	.	UNSHIELDED (NO FLUSH)
DISTANZA DI INTERVENTO - S _n	2	4	4	8	S _n – SENSING DISTANCE
DISTANZA REALE	± 15% S _n				REAL DISTANCE
ISTERESI	≤ 15% S _n				HYSTERESIS
RIPRODUCIBILITÀ	< 2% S _n				REPEATABILITY
FREQUENZA MASSIMA	1000 Hz	1000 Hz	1000 Hz	1000 Hz	MAX. SWITCHING FREQUENCY
TEMPERATURA DI LAVORO	-25°C ÷ +70°C				WORKING TEMPERATURE
MATERIALE CORPO	OTTONE NICHELATO – NICKEL PLATED BRASS				BODY MATERIAL
PROTEZIONE	IP67 (con connettore montato/with connector mounted)				PROTECTION RATING
CAVO	3x0,14 mm ²		3x0,14 mm ²		CABLE
CONNETTORE M12 (C5)	-		C5-C6-C7-L7		(C5) M12 CONNECTOR
CONNETTORE M8 3 POLI (V6)	V6-V7		-		(V6) M8 3-WIRE CONNECTOR

SENSORI DIAMETRO 18 mm
18 mm DIAMETER SENSORS

	M18		
SCHERMATO	.	.	SHIELDED (FLUSH)
NON SCHERMATO	.	.	UNSHIELDED (NO FLUSH)
DISTANZA D'INTERVENTO - S _n	8	16	S _n – SENSING DISTANCE
DISTANZA REALE	± 15% S _n		REAL DISTANCE
ISTERESI	≤ 15% S _n		HYSTERESIS
RIPRODUCIBILITÀ	< 2% S _n		REPEATABILITY
FREQUENZA MASSIMA	700 Hz	400 Hz	MAX. SWITCHING FREQUENCY
TEMPERATURA DI LAVORO	-25°C ÷ +70°C		WORKING TEMPERATURE
MATERIALE CORPO	OTTONE NICHELATO – NICKEL PLATED BRASS		BODY MATERIAL
PROTEZIONE	IP67 (con connettore montato/with connector mounted)		PROTECTION RATING
CAVO	3x0,35 mm ² 4x0,35 mm ²		CABLE
CONNETTORE M12 (C5)	C5-C6-C7-L7		(C5) M12 CONNECTOR

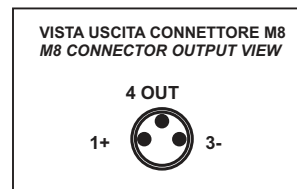
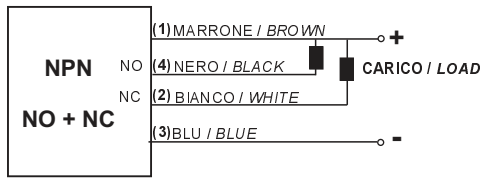
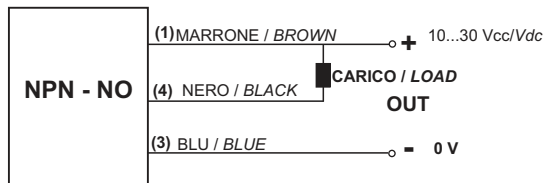
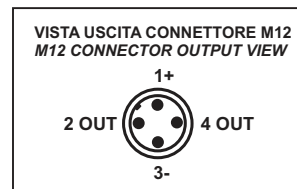
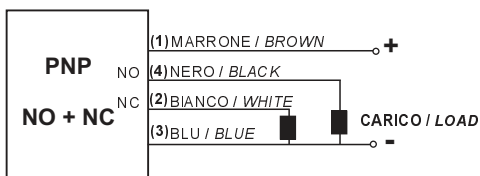
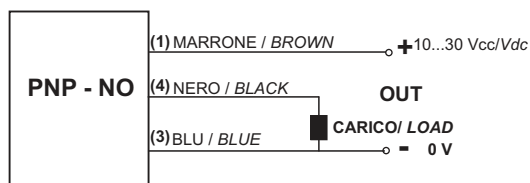
SENSORI DIAMETRO 30 mm

30 mm DIAMETER SENSORS

	M30		
SCHERMATO	•	•	<i>SHIELDED (FLUSH)</i>
NON SCHERMATO			<i>UNSHIELDED (NO FLUSH)</i>
DISTANZA D'INTERVENTO - S_n	20	35	S_n - <i>SENSING DISTANCE</i>
DISTANZA REALE	$\pm 15\% S_n$		<i>REAL DISTANCE</i>
ISTERESI	$\leq 15\% S_n$		<i>HYSTERESIS</i>
RIPRODUCIBILITÀ	$< 2\% S_n$		<i>REPEATABILITY</i>
FREQUENZA MASSIMA	200 Hz	200 Hz	<i>MAX. SWITCHING FREQUENCY</i>
TEMPERATURA DI LAVORO	$-25^{\circ}\text{C} \div +70^{\circ}\text{C}$		<i>WORKING TEMPERATURE</i>
MATERIALE CORPO	OTTONE NICHELATO - <i>NICKEL PLATED BRASS</i>		<i>BODY MATERIAL</i>
PROTEZIONE	IP67 (con connettore montato/ <i>with connector mounted</i>)		<i>PROTECTION RATING</i>
CAVO	3x0,35 mm ² 4x0,35 mm ²		<i>CABLE</i>
CONNETTORE M12 (C5)	C5-C6-C7-L7		<i>(C5) M12 CONNECTOR</i>

COLLEGAMENTI

CONNECTIONS



DIMENSIONI MECCANICHE

MECHANICAL SIZE

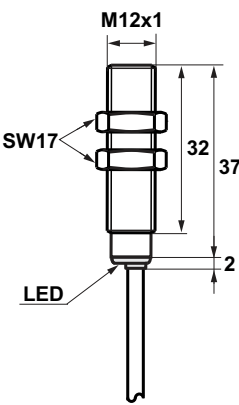
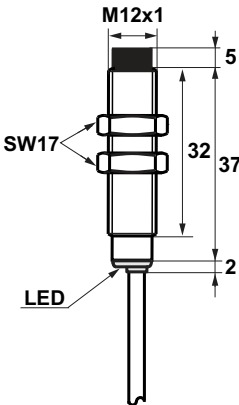
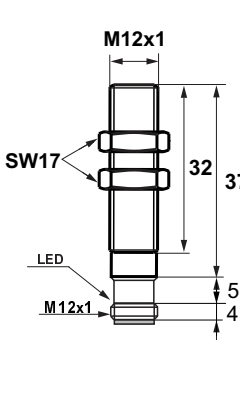
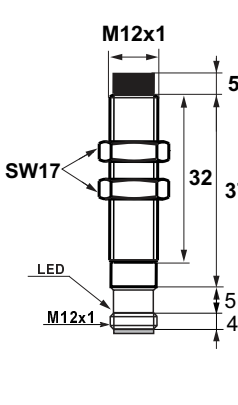
DIAMETRO 8 mm

8 mm DIAMETER

B88G82_	B88EG84_	B8882_V6	B88E84_V6

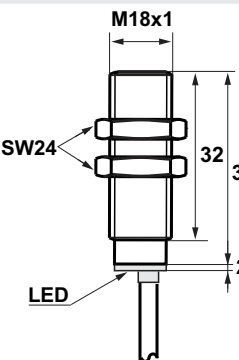
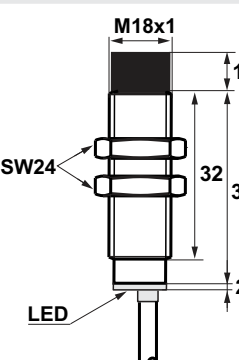
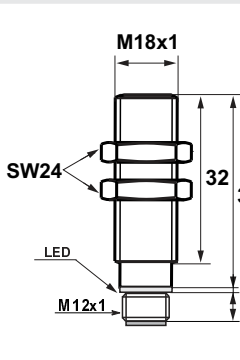
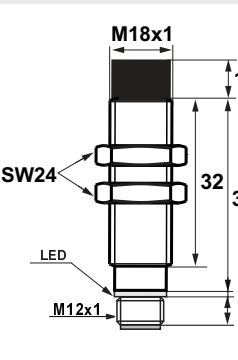
DIAMETRO 12 mm

12 mm DIAMETER

B88G124_	B88EG128_	B88124_C5	B88E128_C5
			

DIAMETRO 18 mm

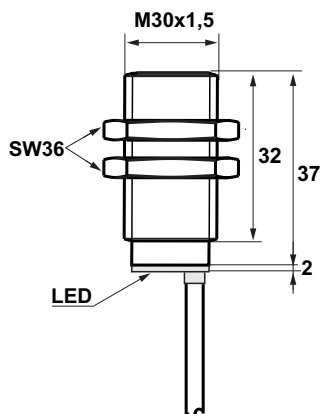
18 mm DIAMETER

B88G188_	B88EG1816_	B88188_C5	B88E1816_C5
			

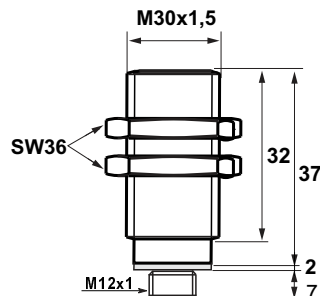
DIAMETRO 30 mm

30 mm DIAMETER

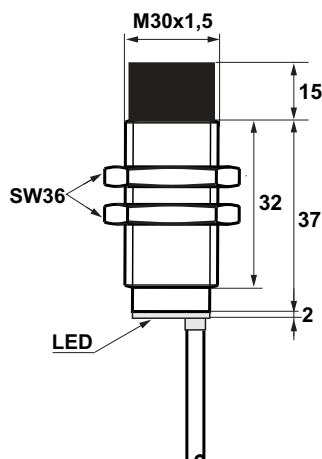
B88G3015_



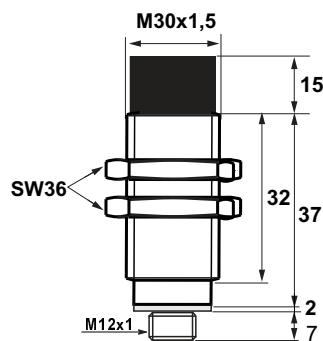
B883015_C5



B88EG3020_



B88E3020_C5



ELENCO PRODOTTI

PRODUCTS LIST

DIAMETRO 8 mm

8 mm DIAMETER

	USCITA CAVO / CABLE		CONNETTORE M8 CONNECTOR	
	SCHERMATO SHIELDED	NON SCHERMATO UNSHIELDED	SCHERMATO SHIELDED	NON SCHERMATO UNSHIELDED
PNP NO	B88G82PO	B88EG84PO	B8882POV6	B88E84POV6
NPN NO	B88G82NO	B88EG84NO	B8882NOV6	B88E84NOV6

DIAMETRO 12 mm
12 mm DIAMETER

	USCITA CAVO / <i>CABLE</i>		CONNETTORE M12 <i>CONNECTOR</i>	
	SCHERMATO <i>SHIELDED</i>	NON SCHERMATO <i>UNSHIELDED</i>	SCHERMATO <i>SHIELDED</i>	NON SCHERMATO <i>UNSHIELDED</i>
PNP NO	B88G124PO	B88EG128PO	B88124POC5	B88E128POC5
PNP NO+NC	B88G124PSC	B88EG128PSC	B88124PSCC5	B88E128PSCC5
NPN NO	B88G124NO	B88EG128NO	B88124NOC5	B88E128NOC5
NPN NO+NC	B88G124NSC	B88EG128NSC	B88124NSCC5	B88E128NSCC5

DIAMETRO 18 mm
18 mm DIAMETER

	USCITA CAVO / <i>CABLE</i>		CONNETTORE M12 <i>CONNECTOR</i>	
	SCHERMATO <i>SHIELDED</i>	NON SCHERMATO <i>UNSHIELDED</i>	SCHERMATO <i>SHIELDED</i>	NON SCHERMATO <i>UNSHIELDED</i>
PNP NO	B88G188PO	B88EG1816PO	B88188POC5	B88E1816POC5
PNP NO+NC	B88G188PSC	B88EG1816PSC	B88188PSCC5	B88E1816PSCC5
NPN NO	B88G188NO	B88EG1816NO	B88188NOC5	B88E1816NOC5
NPN NO+NC	B88G188NSC	B88EG1816NSC	B88188NSCC5	B88E1816NSCC5

DIAMETRO 30 mm
30 mm DIAMETER

	USCITA CAVO / <i>CABLE</i>		CONNETTORE M12 <i>CONNECTOR</i>	
	SCHERMATO <i>SHIELDED</i>	NON SCHERMATO <i>UNSHIELDED</i>	SCHERMATO <i>SHIELDED</i>	NON SCHERMATO <i>UNSHIELDED</i>
PNP NO	B88G3015PO	B88EG3020PO	B883015POC5	B88E3020POC5
PNP NO+NC	B88G3015PSC	B88EG3020PSC	B883015PSCC5	B88E3020PSCC5
NPN NO	B88G3015NO	B88EG3020NO	B883015NOC5	B88E3020NOC5
NPN NO+NC	B88G3015NSC	B88EG3020NSC	B883015NSCC5	B88E3020NSCC5

Altri prodotti

- interruttori di prossimità induttivi;
- interruttori di prossimità capacitivi;
- interruttori di prossimità magnetici;
- interruttori di prossimità fotoelettrici;
- interruttori di prossimità ad ultrasuoni;

- 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;*
- *ultrasonic 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;*