

**INTERRUTTORI DI PROSSIMITA'  
INDUTTIVI AMPLIFICATI A DUE FILI  
IN CORRENTE CONTINUA**

**SERIE  
*SERIES***

**B08**

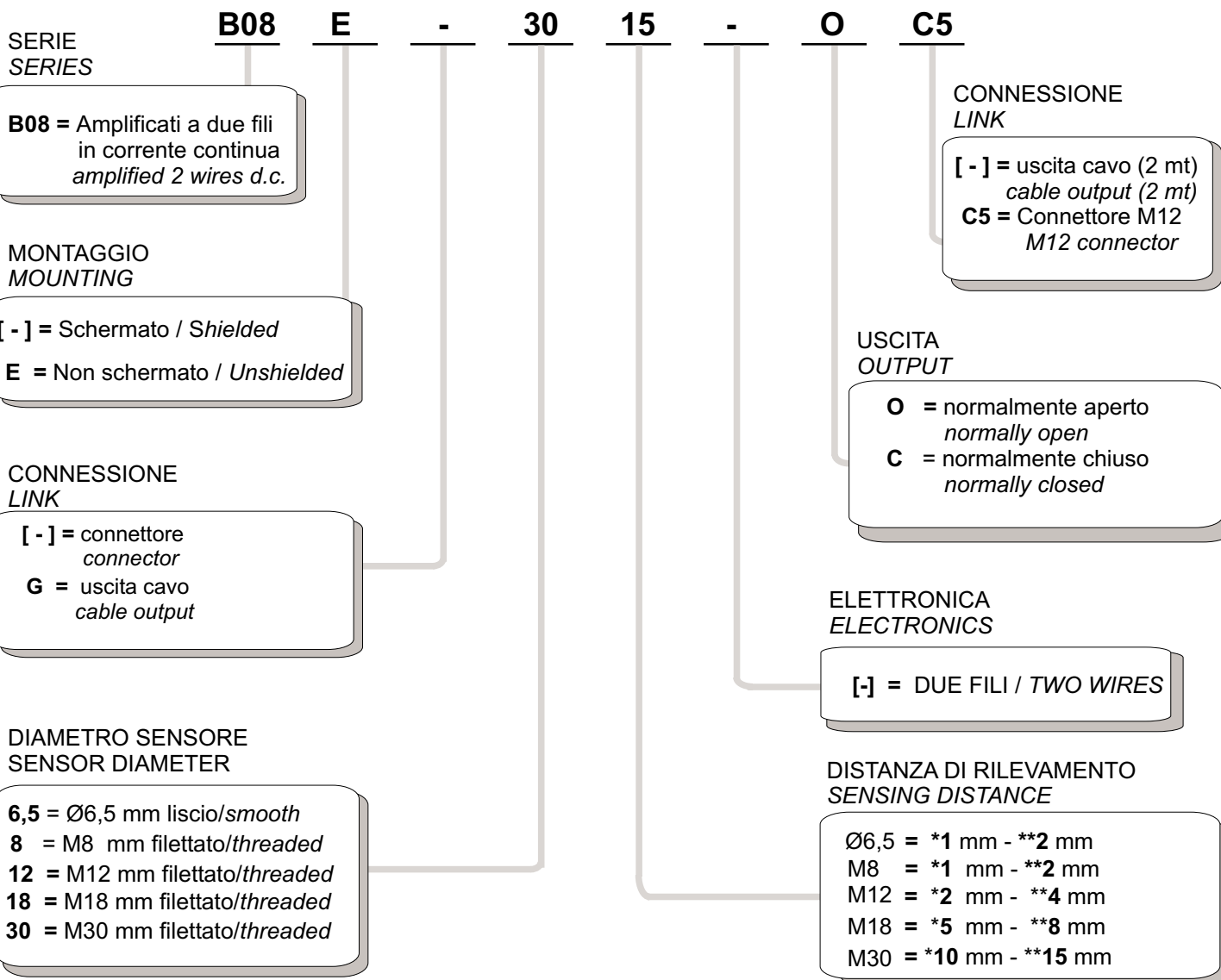
***INDUCTIVE PROXIMITY SWITCHES  
AMPLIFIED TWO WIRES  
DIRECT CURRENT***

**INTERRUTTORI DI PROSSIMITA' INDUTTIVI  
AMPLIFICATI A DUE FILI IN CORRENTE CONTINUA  
INDUCTIVE PROXIMITY SWITCHES  
AMPLIFIED TWO WIRES DIRECT CURRENT**



**INTERRUTTORI DI PROSSIMITA' CILINDRICI  
INDUTTIVI DIAM. 6,5, 8, 12, 18, 30 mm.  
AMPLIFICATI A DUE FILI IN CORRENTE CONTINUA  
USCITA CAVO O CONNETTORE M12  
ALIMENTAZIONE IN C.C. 10÷30 Vdc**

**INDUCTIVE CYLINDRICAL PROXIMITY SWITCHES  
6,5, 8, 12, 18, 30 mm DIAMETER.  
AMPLIFIED TWO WIRES DIRECT CURRENT  
CABLE OUTPUT OR CONNECTOR 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.

\* totalmente schermato / *shielded*  
\*\* parzialmente schermato / *unshielded*

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Rev: 0.2

La Ditta costruttrice si riserva di apportare qualunque modifica ritenga utile senza preavviso.  
*Manufacturer reserve itself all the rights to change without notice.*

**CARATTERISTICHE ELETTRICHE**
**ELECTRICAL FEATURES**

ALIMENTAZIONE	<b>10 ÷ 30 Vcc/Vdc</b>	SUPPLY VOLTAGE
ONDULAZIONE RESIDUA	<b>≤ 10%</b>	RIPPLE
ASSORBIMENTO	<b>≤ 0,7 mA</b>	POWER CONSUMPTION
CARICO MASSIMO	<b>100 mA</b>	MAXIMUM LOAD
CADUTA DI TENSIONE	<b>&lt; 7,5 Vdc</b>	VOLTAGE DROP
PROTEZIONE C.C.	<b>SI / YES</b>	SHORT CIRCUIT PROTECTION
PROTEZIONE INVERS. POLARITA'	<b>SI / YES</b>	REVERSAL POLARITY PROTECTION
LED DI SEGNALEZIONE	<b>SI / YES</b>	OUTPUT STATUS LED
COMPATIBILITA' ELETTROMAGNETICA CE	<b>EN60947-5-2</b>	CE COMPLIANCE
CERTIFICAZIONE	<b>CE</b>	CERTIFICATION

**CARATTERISTICHE TECNICHE**
**TECHNICAL FEATURES**
**SENSORI DIAMETRO 6,5 - 8 mm**
**6,5 - 8 mm DIAMETER SENSORS**

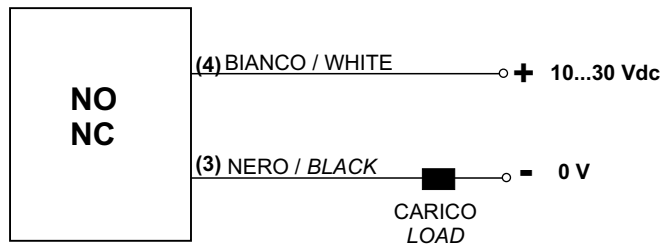
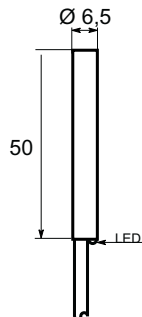
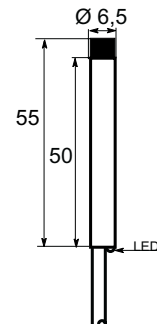
	<b>Ø6,5 mm</b>		<b>M8</b>		
SCHEMATO	•		•		SHIELDED (FLUSH)
NON SCHEMATO		•		•	UNSHIELDED (NON FLUSH)
DISTANZA D'INTERVENTO - S <sub>n</sub>	1	2	1	2	S <sub>n</sub> - SENSING DISTANCE
DISTANZA REALE	+/- 10% S <sub>n</sub>				REAL DISTANCE
ISTERESI	≤ 10% S <sub>n</sub>				HYSTERESIS
RIPETIBILITÀ	< 2% S <sub>n</sub>				REPEATABILITY
FREQUENZA MASSIMA	1000 Hz				MAX. SWITCHING FREQUENCY
TEMPERATURA DI LAVORO	-25°C ÷ +70°C				WORKING TEMPERATURE
MAT.CORPO METALLICO	OTTONE NICHELATO – NICKEL PLATED BRASS				BODY MATERIAL
PROTEZIONE	IP67 (con connettore montato/with connector mounted)				PROTECTION RATING
CAVO	2x0,14 mm <sup>2</sup> – 2 m				CABLE

**SENSORI DIAMETRO 12 mm**
**12 mm DIAMETER SENSORS**

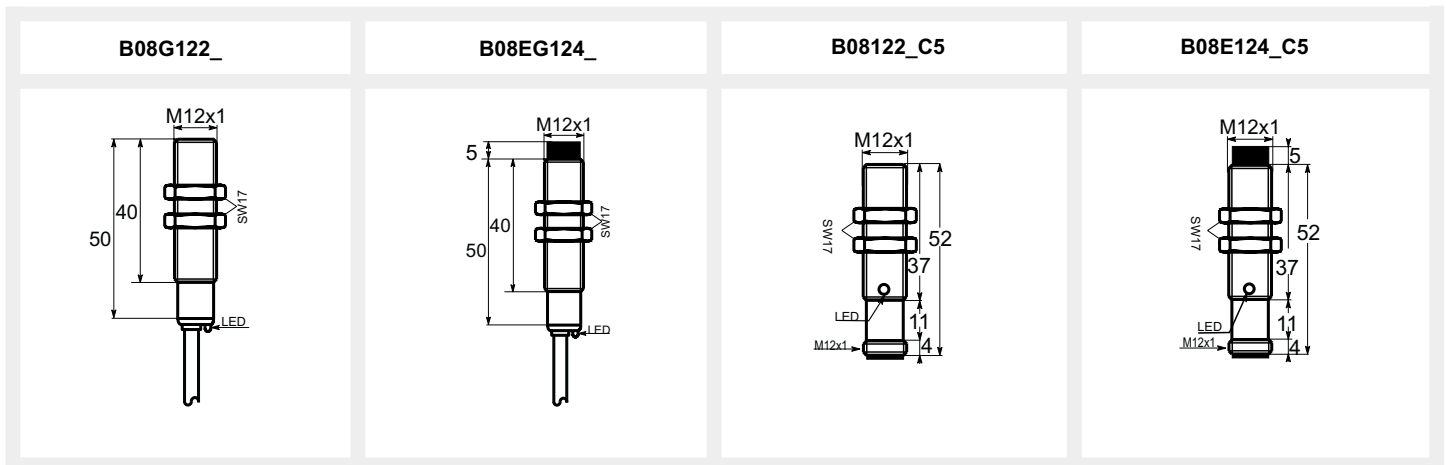
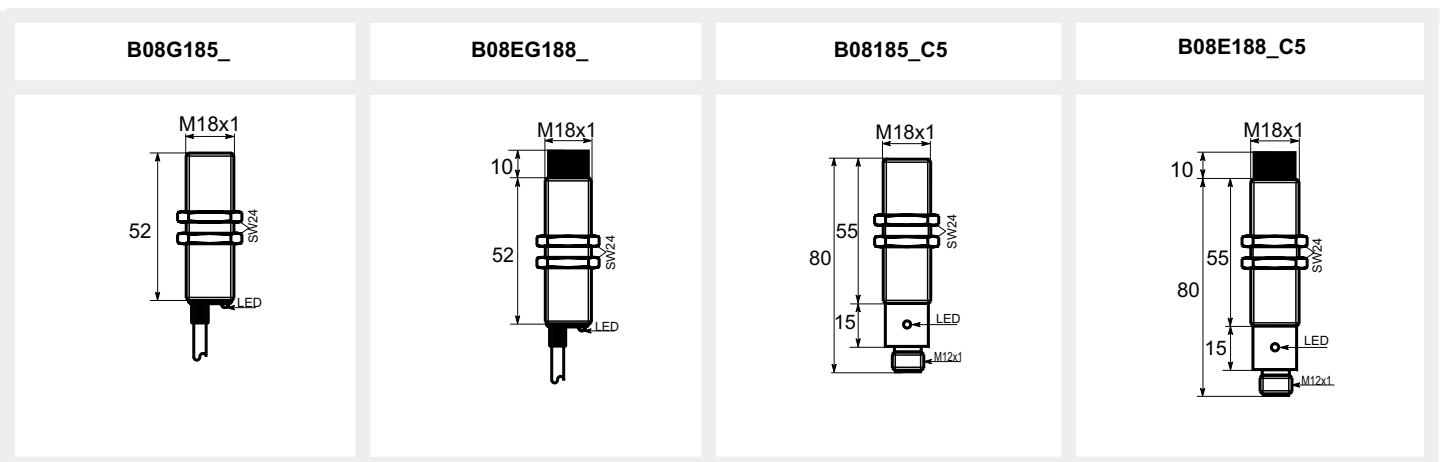
	<b>M12</b>		
SCHEMATO	•		SHIELDED (FLUSH)
NON SCHEMATO		•	UNSHIELDED (NON FLUSH)
DISTANZA D'INTERVENTO - S <sub>n</sub>	2	4	S <sub>n</sub> - SENSING DISTANCE
DISTANZA REALE	+/- 10% S <sub>n</sub>		REAL DISTANCE
ISTERESI	≤ 10% S <sub>n</sub>		HYSTERESIS
RIPETIBILITÀ	≤ 2% S <sub>n</sub>		REPEATABILITY
FREQUENZA MASSIMA	1000 Hz	800 Hz	MAX. SWITCHING FREQUENCY
TEMPERATURA DI LAVORO	-25°C ÷ +70°C		WORKING TEMPERATURE
MAT.CORPO METALLICO	OTTONE NICHELATO – NICKEL PLATED BRASS		BODY MATERIAL
PROTEZIONE	IP67 (con connettore montato/with connector mounted)		PROTECTION RATING
CAVO	2x0,14 mm <sup>2</sup> – 2 m		CABLE
CONNETTORE M12 (C5)	C5-C6-C7-L7		(C5) M12 CONNECTOR

**SENSORI DIAMETRO 18 - 30 mm**
**18 - 30 mm DIAMETER SENSORS**

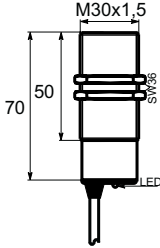
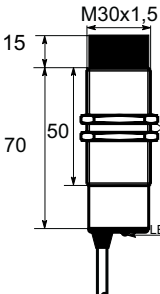
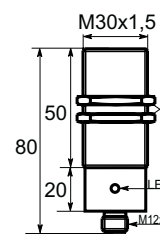
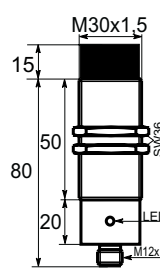
	M18		M30		
SCHERMATO	•		•		SHIELDED (FLUSH)
NON SCHERMATO		•		•	UNSHIELDED (NON FLUSH)
DISTANZA D'INTERVENTO - S <sub>n</sub>	5	8	10	15	SENSING DISTANCE
DISTANZA REALE	+/- 10% S <sub>n</sub>				REAL DISTANCE
ISTERESI	≤ 10% S <sub>n</sub>				HYSTERESIS
RIPETIBILITÀ	< 2% S <sub>n</sub>				REPEATABILITY
FREQUENZA MASSIMA	700 Hz	400 Hz	200 Hz	200 Hz	MAX. SWITCHING FREQUENCY
TEMPERATURA DI LAVORO	-25°C ÷ +70°C				WORKING TEMPERATURE
MAT. CORPO METALLICO	OTTONE NICHELATO - NICKEL PLATED BRASS				BODY MATERIAL
PROTEZIONE	IP67(con connettore montato/with connector mounted)				PROTECTION RATING
CAVO	2x0,35 mm <sup>2</sup> - 2 m				CABLE
CONNETTORE M12 (C5)	C5-C6-C7-L7				(C5) M12 CONNECTOR

**COLLEGAMENTI**
**CONNECTIONS**

**DIMENSIONI MECCANICHE**
**MECHANICAL SIZE**
**DIAMETRO 6,5 mm**
**6,5 mm DIAMETER**
**B08G6,51\_**

**B08EG6,52\_**


**DIAMETRO 8 mm**
**8 mm DIAMETER**

**DIAMETRO 12 mm**
**12 mm DIAMETER**

**DIAMETRO 18 mm**
**18 mm DIAMETER**


**DIAMETRO 30 mm**
**30 mm DIAMETER**

B08G3010_	B08EG3015_	B083010_C5	B08E3015_C5
 <p>Technical drawing of the B08G3010_ sensor. It shows a cylindrical body with a diameter of M30x1,5. The total height is 70 mm, with a 50 mm section above the LED. A SW36 switch is located on the side. The LED is positioned at the bottom.</p>	 <p>Technical drawing of the B08EG3015_ sensor. It features a 15 mm black lens at the top. The total height is 70 mm, with a 50 mm section below the lens. The diameter is M30x1,5. It includes a SW36 switch and an LED at the bottom.</p>	 <p>Technical drawing of the B083010_C5 sensor. The total height is 80 mm, with a 50 mm section above the LED. The diameter is M30x1,5. It has a SW36 switch and an LED at the bottom, with an M12x1 connector at the very bottom.</p>	 <p>Technical drawing of the B08E3015_C5 sensor. It has a 15 mm black lens at the top. The total height is 80 mm, with a 50 mm section below the lens. The diameter is M30x1,5. It includes a SW36 switch, an LED, and an M12x1 connector at the bottom.</p>

**SERIE B08 DUE FILI C.C. / B08 TWO WIRES D.C.**
**DIAMETRO 6,5**
**6,5 mm DIAMETER**

	USCITA CAVO / <i>CABLE OUTPUT</i>		USCITA CONNETTORE <i>CONNECTOR OUTPUT</i>	
	SCHERMATO <i>SHIELDED</i>	NON SCHERMATO <i>UNSHIELDED</i>	-	-
<b>NO</b>	B08G6,51O	B08EG6,52O	-	-
<b>NC</b>	B08G6,51C	B08EG6,52C	-	-

**DIAMETRO 8**
**8 mm DIAMETER**

	USCITA CAVO / <i>CABLE OUTPUT</i>		USCITA CONNETTORE <i>CONNECTOR OUTPUT</i>	
	SCHERMATO <i>SHIELDED</i>	NON SCHERMATO <i>UNSHIELDED</i>	-	-
<b>NO</b>	B08G81O	B08EG82O	-	-
<b>NC</b>	B08G81C	B08EG82C	-	-

**DIAMETRO 12**
**12 mm DIAMETER**

	USCITA CAVO / <i>CABLE OUTPUT</i>		USCITA CONNETTORE <b>M12</b> <i>CONNECTOR OUTPUT</i>	
	SCHERMATO <i>SHIELDED</i>	NON SCHERMATO <i>UNSHIELDED</i>	SCHERMATO <i>SHIELDED</i>	NON SCHERMATO <i>UNSHIELDED</i>
<b>NO</b>	B08G122O	B08EG124O	B08122OC5	B08E124OC5
<b>NC</b>	B08G122C	B08EG124C	B08122CC5	B08E124CC5

**DIAMETRO 18**
**18 mm DIAMETER**

	<b>USCITA CAVO / CABLE OUTPUT</b>		<b>USCITA CONNETTORE M12 CONNECTOR OUTPUT</b>	
	<b>SCHERMATO SHIELDED</b>	<b>NON SCHERMATO UNSHIELDED</b>	<b>SCHERMATO SHIELDED</b>	<b>NON SCHERMATO UNSHIELDED</b>
<b>NO</b>	B08G185O	B08EG188O	B08185OC5	B08E188OC5
<b>NC</b>	B08G185C	B08EG188C	B08185CC5	B08E188CC5

**DIAMETRO 30**
**30 mm DIAMETER**

	<b>USCITA CAVO / CABLE OUTPUT</b>		<b>USCITA CONNETTORE M12 CONNECTOR OUTPUT</b>	
	<b>SCHERMATO SHIELDED</b>	<b>NON SCHERMATO UNSHIELDED</b>	<b>SCHERMATO SHIELDED</b>	<b>NON SCHERMATO UNSHIELDED</b>
<b>NO</b>	B08G3010O	B08EG3015O	B083010OC5	B08E3015OC5
<b>NC</b>	B08G3010C	B08EG3015C	B083010CC5	B08E3015CC5



**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;*