

**INTERRUTTORI DI PROSSIMITA'
INDUTTIVI
SERIE PER ALTE TEMPERATURE (100°C)**

**SERIE
*SERIES***

B16

***INDUCTIVE PROXIMITY SWITCHES
HIGH TEMPERATURE SERIES (100°C)***

**INTERRUTTORI DI PROSSIMITA' INDUTTIVI
PER IMPIEGHI A TEMPERATURE FINO A 100° C
INDUCTIVE PROXIMITY SWITCHES
UP TO 100° C WORKING TEMPERATURE**

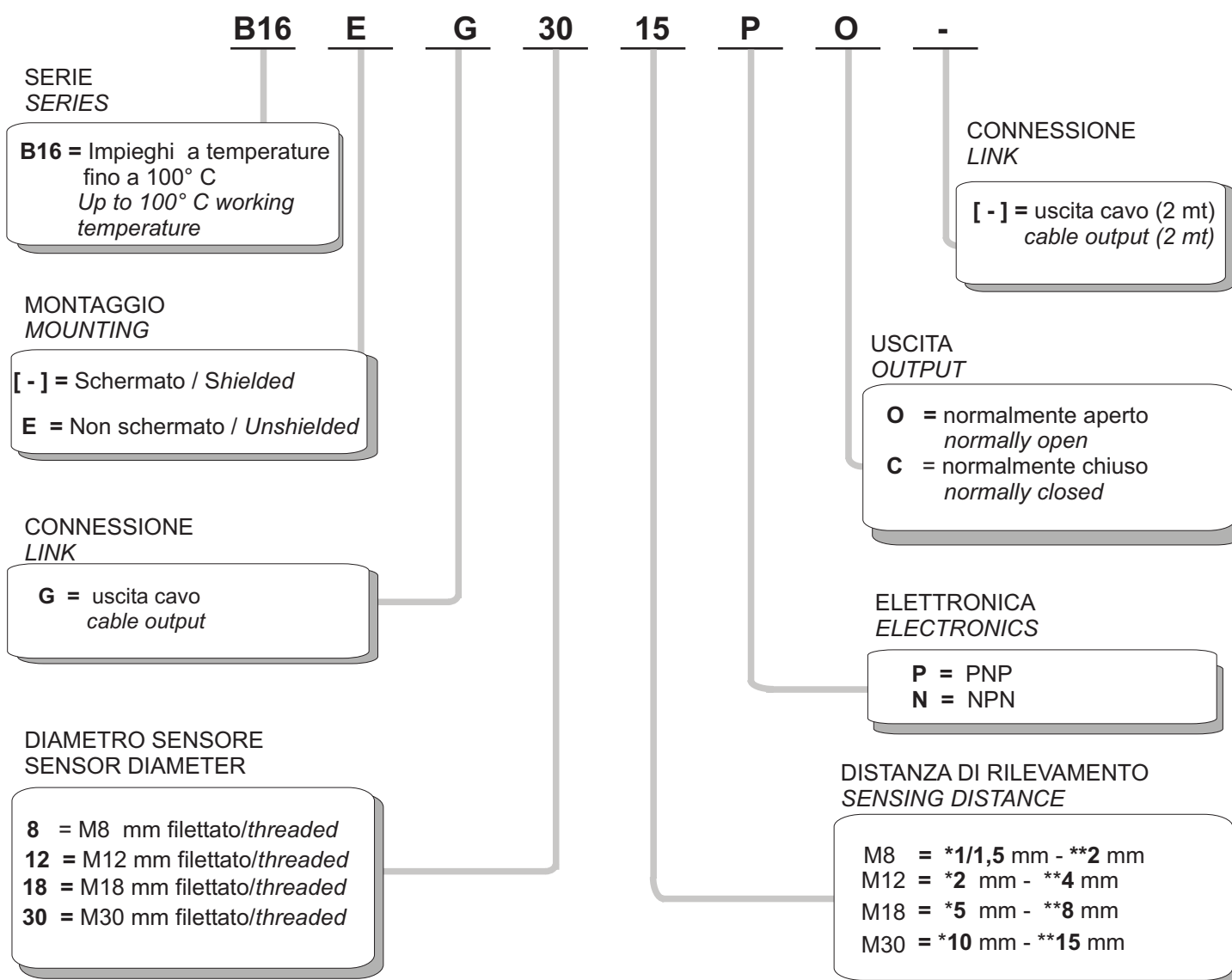


**INTERRUTTORI DI PROSSIMITA' CILINDRICI
INDUTTIVI DIAM. 8, 12, 18, 30 mm.
USCITA CAVO
ALIMENTAZIONE IN C.C. 10 ÷ 30 Vdc**

**INDUCTIVE CYLINDRICAL PROXIMITY SWITCHES
8, 12, 18, 30 mm DIAMETER.
CABLE 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*

CARATTERISTICHE ELETTRICHE
ELECTRICAL FEATURES

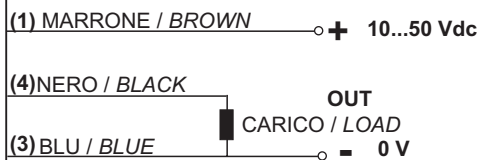
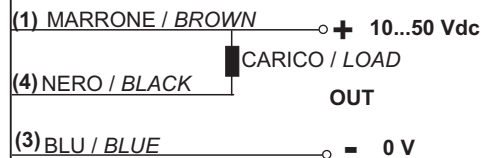
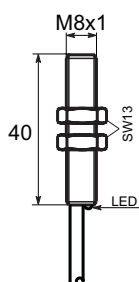
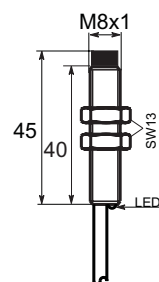
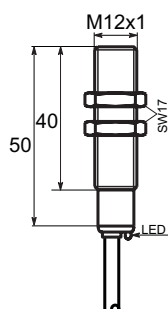
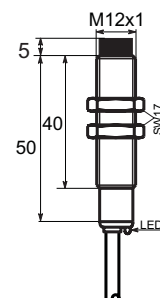
ALIMENTAZIONE	10 ÷ 30 Vcc/Vdc	<i>SUPPLY VOLTAGE</i>
ONDULAZIONE RESIDUA	≤ 10%	<i>RIPPLE</i>
ASSORBIMENTO	< 10 mA	<i>POWER CONSUMPTION</i>
CARICO MASSIMO	200 mA	<i>MAXIMUM LOAD</i>
CADUTA DI TENSIONE	< 3 V @ 200 mA	<i>VOLTAGE DROP</i>
PROTEZIONE C.C.	SI / YES	<i>SHORT CIRCUIT PROTECTION</i>
PROTEZIONE INVERS. POLARITA'	SI / YES	<i>REVERSAL POLARITY PROTECTION</i>
LED DI SEGNALE	SI / YES	<i>UOTPUT STATUS LED</i>
COMPATIBILITA' ELETTROMAGNETICA CE	EN60947-5-2	<i>CE COMPLIANCE</i>
CERTIFICAZIONE	CE	<i>CERTIFICATION</i>

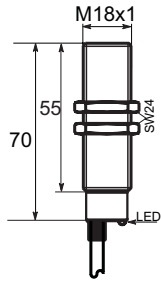
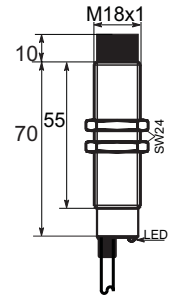
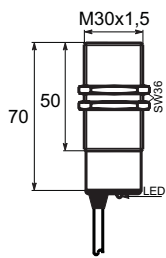
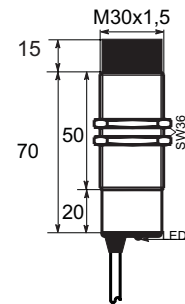
CARATTERISTICHE TECNICHE
TECHNICAL FEATURES
SENSORI DIAMETRO 8 - 12 mm
8 - 12 mm DIAMETER SENSORS

	M8		M12		
SCHERMATO	.		.		<i>SHIELDED (FLUSH)</i>
NON SCHERMATO		.		.	<i>UNSHIELDED (NON FLUSH)</i>
DISTANZA D'INTERVENTO - S _n	1	1,5	2	4	<i>S_n - SENSING DISTANCE</i>
DISTANZA REALE	± 10% S _n				<i>REAL DISTANCE</i>
ISTERESI	≤ 10% S _n				<i>HYSTERESIS</i>
RIPETIBILITÀ	≤ 2% S _n				<i>REPEATABILITY</i>
FREQUENZA MASSIMA	1500 Hz	1000Hz	1500 Hz	1000 Hz	<i>MAX. SWITCHING FREQUENCY</i>
TEMPERATURA DI LAVORO	0°C ÷ +100°C				<i>WORKING TEMPERATURE</i>
MAT. CORPO METALLICO	OTTONE NICHELATO – NICKEL PLATED BRASS				<i>BODY MATERIAL</i>
PROTEZIONE	IP67 (con connettore montato/with connector mounted)				<i>PROTECTION RATING</i>
CAVO	3x0,14 mm ² – 2 m				<i>CABLE</i>

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

	M18		M30		
SCHERMATO	•		•		SHIELDED (FLUSH)
NON SCHERMATO		•		•	UNSHIELDED (NON FLUSH)
DISTANZA D'INTERVENTO - S _n	5	8	10	15	SENSING DISTANCE
DISTANZA REALE	± 10% S _n				REAL DISTANCE
ISTERESI	≤ 10% S _n				HYSTERESIS
RIPETIBILITÀ	< 2 % S _n				REPEATABILITY
FREQUENZA MASSIMA	700 Hz		200 Hz		MAX. SWITCHING FREQUENCY
TEMPERATURA DI LAVORO	0°C ÷ +100°C				WORKING TEMPERATURE
MAT. CORPO METALLICO	OTTONE NICHELATO – NICKEL PLATED BRASS				BODY MATERIAL
PROTEZIONE	IP67(con connettore montato/with connector mounted)				PROTECTION RATING
CAVO	3x0.35 mm ²				CABLE

COLLEGAMENTI
CONNECTIONS
**PNP-NO
PNP-NC**

**NPN-NO
NPN-NC**

DIMENSIONI MECCANICHE
MECHANICAL SIZE
DIAMETRO 8 mm
8 mm DIAMETER
**B16G81_
B16G81,5**

B16EG82_

DIAMETRO 12 mm
12 mm DIAMETER
B16G122_

B16EG124_


DIAMETRO 18 mm
18 mm DIAMETER
B16G185_

B16EG188_

DIAMETRO 30 mm
30 mm DIAMETER
B16G3010_

B16EG3015_


SERIE B16 IMPIEGHI CON TEMPERATURE FINO A 100° C
B16 SERIES UP TO 100° C WORKING TEMPERATURE

DIAMETRO 8 mm
8 mm DIAMETER

	USCITA CAVO / CABLE OUTPUT		
	SCHERMATO / SHIELDED		NON SCHERMATO / UNSHIELDED
	PORTATA 1 mm <i>Sensing distance 1 mm</i>	PORTATA 1,5 mm <i>Sensing distance 1.5 mm</i>	PORTATA 2mm <i>Sensing Distance 2mm</i>
PNP-NO	B16G81PO	B16G81,5PO	B16EG82PO
PNP-NC	B16G81PC	B16G81,5PC	B16EG82PC
NPN-NO	B16G81NO	B16G81,5NO	B16EG82NO
NPN-NC	B16G81NC	B16G81,5NC	B16EG82NC

DIAMETRO 12 mm
12 mm DIAMETER

	USCITA CAVO / CABLE OUTPUT	
	SCHERMATO SHIELDED	NON SCHERMATO UNSHIELDED
PNP-NO	B16G122PO	B16EG124PO
PNP-NC	B16G122PC	B16EG124PC
NPN-NO	B16G122NO	B16EG124NO
NPN-NC	B16G122NC	B16EG124NC

DIAMETRO 18 mm
18 mm DIAMETER

	USCITA CAVO / CABLE OUTPUT	
	SCHERMATO SHIELDED	NON SCHERMATO UNSHIELDED
PNP-NO	B16G185PO	B16EG188PO
PNP-NC	B16G185PC	B16EG188PC
NPN-NO	B16G185NO	B16EG188NO
NPN-NC	B16G185NC	B16EG188NC

DIAMETRO 30 mm**30 mm DIAMETER**

	USCITA CAVO / CABLE OUTPUT	
	SCHERMATO SHIELDED	NON SCHERMATO UNSHIELDED
PNP-NO	B16G3010PO	B16EG3015PO
PNP-NC	B16G3010PC	B16EG3015PC
NPN-NO	B16G3010NO	B16EG3015NO
NPN-NC	B16G3010NC	B16EG3015NC