

**INTERRUTTORI DI PROSSIMITA'
INDUTTIVI CENELEC STANDARD
E SERIE CORTA
CON ELEVATA PROTEZIONE**

**SERIE
SERIES**

B06-B07

***INDUCTIVE PROXIMITY SWITCHES
STANDARD CENELEC
AND SHORTY SERIES
WITH HIGH PROTECTION***

INTERRUTTORI DI PROSSIMITA' INDUTTIVI CENELEC STANDARD E SERIE CORTA INDUCTIVE PROXIMITY SWITCHES STANDARD CENELEC AND SHORTY SERIES

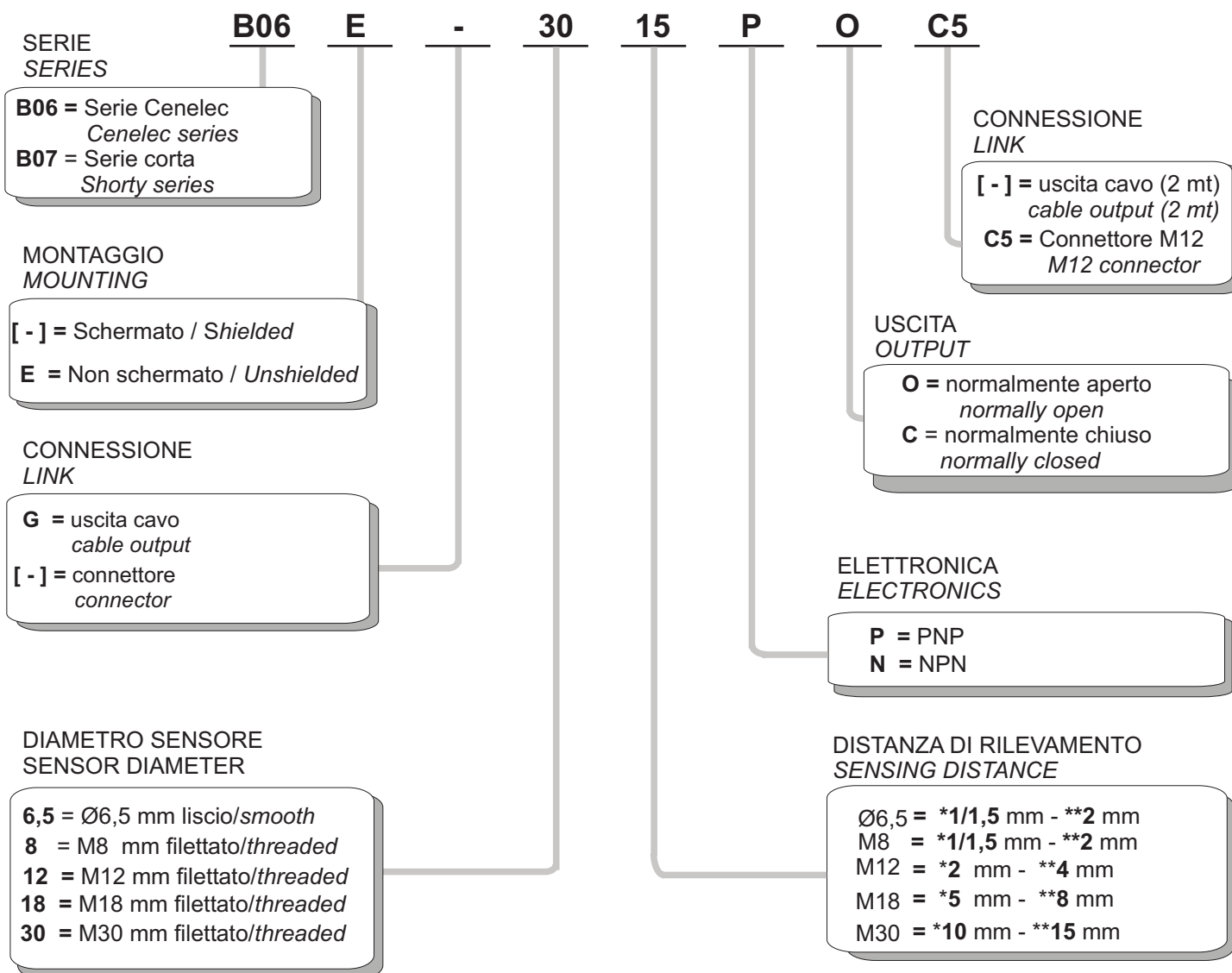


INTERRUTTORI DI PROSSIMITA' CILINDRICI
INDUTTIVI DIAM. 6,5, 8, 12, 18, 30 mm.
SERIE STANDARD CENELEC e SERIE CORTA
USCITA CAVO O CONNETTORE M12
ALIMENTAZIONE IN C.C. 10÷30 Vcc
ELEVATA PROTEZIONE

INDUCTIVE CYLINDRICAL PROXIMITY SWITCHES
6,5, 8, 12, 18, 30 mm DIAMETER.
STANDARD CENELEC and SHORTY SERIES
CABLE OUTPUT OR CONNECTOR OUTPUT
C.C. 10÷30 Vdc SUPPLY VERSION
HIGH PROTECTION

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

File Name: b06_b07.cdr
Rev: 0.3

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Manufacturer reserve itself all the rights to change without notice.

CARATTERISTICHE ELETTRICHE
ELECTRICAL FEATURES

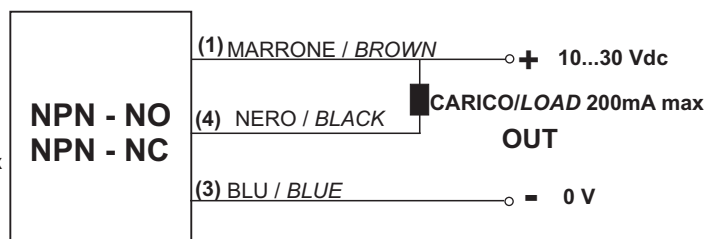
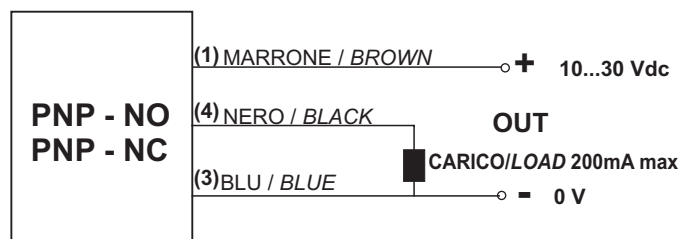
ALIMENTAZIONE	10 ÷ 30 Vcc/Vdc	SUPPLY VOLTAGE
ONDULAZIONE RESIDUA	≤ 10%	RIPPLE
ASSORBIMENTO	≤ 10 mA	POWER CONSUMPTION
CARICO MASSIMO	200 mA	MAXIMUM LOAD
CADUTA DI TENSIONE	< 3 V @ 200 mA	VOLTAGE DROP
PROTEZIONE C.C.	SI / YES	SHORT CIRCUIT PROTECTION
PROTEZIONE INVERS. POLARITA'	SI / YES	REVERSAL POLARITY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

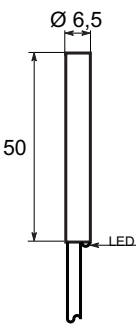
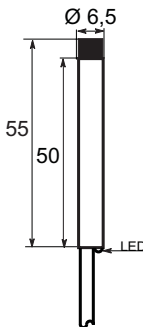
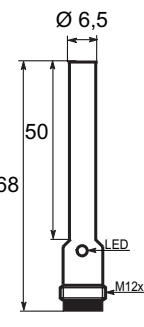
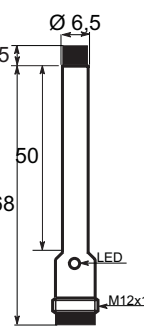
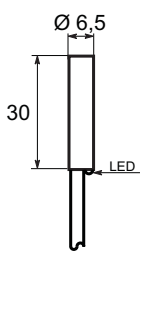
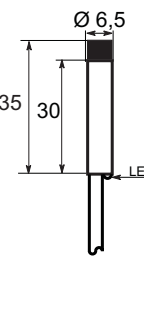
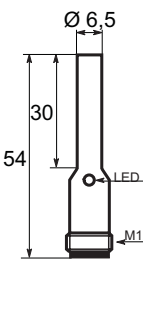
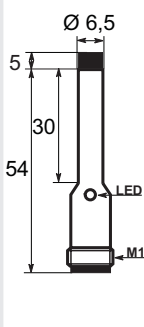
CARATTERISTICHE TECNICHE
TECHNICAL FEATURES
SENSORI DIAMETRO 6,5 - 8 - 12 mm
6,5 - 8 - 12 mm DIAMETER SENSORS

	Ø6,5 mm - M8			M12		
SCHERMATO	•			•		SHIELDED (FLUSH)
NON SCHERMATO		•			•	UNSHIELDED (NON FLUSH)
DISTANZA D'INTERVENTO	1	1,5	2	2	4	SENSING DISTANCE
DISTANZA REALE	± 10% Sn					REAL DISTANCE
ISTERESI	≤ 10% Sn					HYSTERESIS
RIPETIBILITÀ	< 2% Sn					REPEATABILITY
FREQUENZA MASSIMA	1500 Hz	1000 Hz		1500 Hz	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	3x0,14 mm ²					CABLE
CONNETTORE	M12 (C5-C6-C7-L7)					CONNECTOR

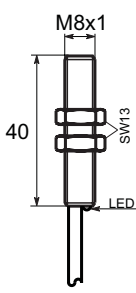
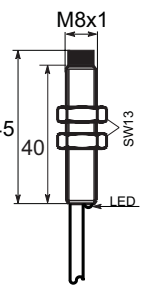
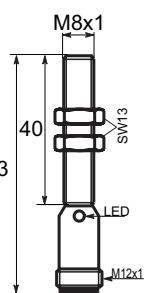
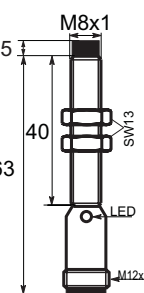
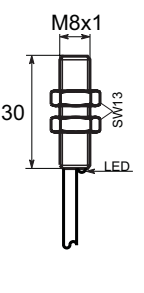
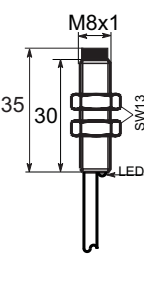
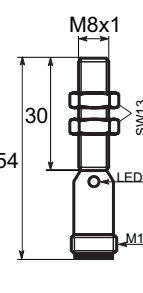
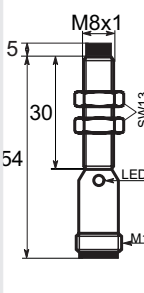
SENSORI DIAMETRO 18 - 30 mm
18 - 30 mm DIAMETER SENSORS

	M18		M30		
SCHERMATO	•		•		SHIELDED (FLUSH)
NON SCHERMATO		•		•	UNSHIELDED (NON FLUSH)
DISTANZA D'INTERVENTO	5	8	10	15	SENSING DISTANCE
DISTANZA REALE	± 10% Sn				REAL DISTANCE
ISTERESI	≤ 10% Sn				HYSTERESIS
RIPETIBILITÀ	< 2% Sn				REPEATABILITY
FREQUENZA MASSIMA	1200 Hz	1000 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	3x0,35 mm ²				CABLE
CONNETTORE	M12 (C5-C6-C7-L7)				CONNECTOR

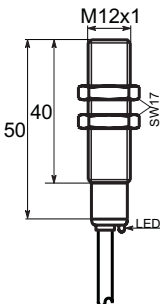
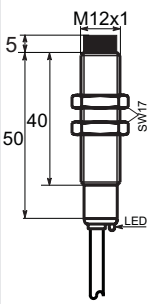
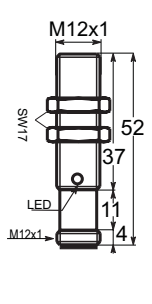
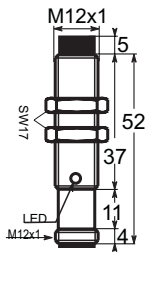
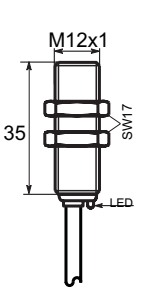
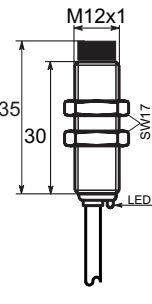
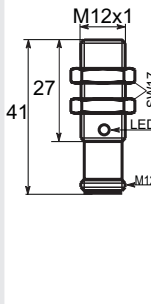
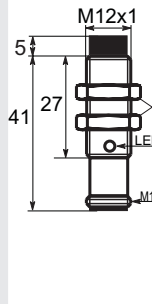
COLLEGAMENTI
CONNECTIONS

DIMENSIONI MECCANICHE
MECHANICAL SIZE
DIAMETRO 6,5 mm
6,5 mm DIAMETER

SERIE CENELEC B06 CENELEC SERIES				SERIE CORTA B07 SHORTY SERIES			
B06G6,51_ B06G6,51,5_	B06EG6,52_	B066,51_C5 B066,51,5_C5	B06E6,52_C5	B07G6,51_ B07G6,51,5_	B07EG6,52_	B076,51_C5 B076,51,5_C5	B07E6,52_C5
							

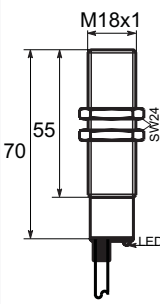
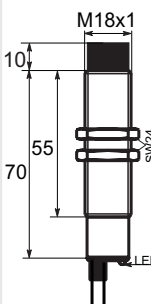
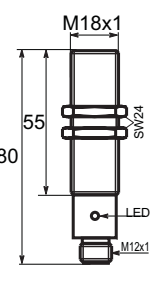
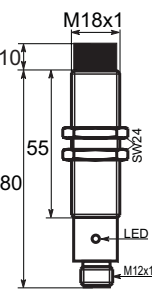
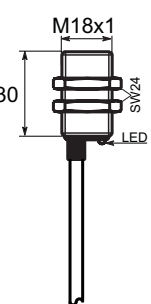
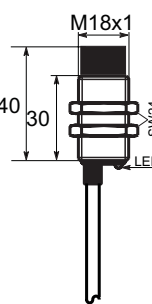
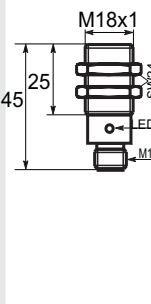
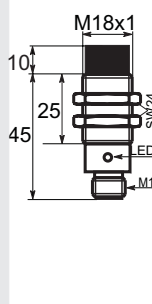
DIAMETRO 8 mm
8 mm DIAMETER

SERIE CENELEC B06 CENELEC SERIES				SERIE CORTA B07 SHORTY SERIES			
B06G81_ B06G81,5_	B06EG82_	B0681_C5 B0681,5_C5	B06E82_C5	B07G81_ B07G81,5_	B07EG82_	B0781_C5 B0781,5_C5	B07E82_C5
							

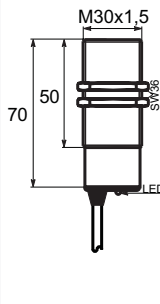
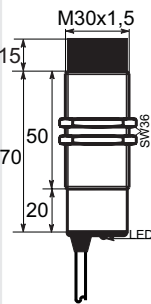
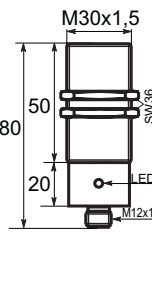
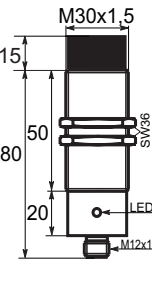
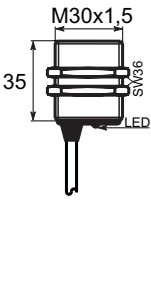
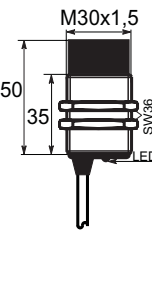
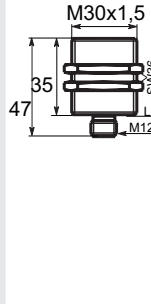
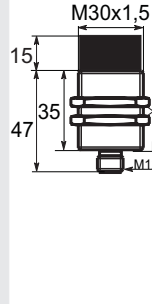
DIAMETRO 12 mm
12 mm DIAMETER

SERIE CENELEC B06 CENELEC SERIES				SERIE CORTA B07 SHORTY SERIES			
B06G122_	B06EG124_	B06122_C5	B06E124_C5	B07G122_	B07EG124_	B07122_C5	B07E124_C5
							

DIAMETRO 18 mm
18 mm DIAMETER

SERIE CENELEC B06 CENELEC SERIES				SERIE CORTA B07 SHORTY SERIES			
B06G185_	B06EG188_	B06185_C5	B06E188_C5	B07G185_	B07EG188_	B07185_C5	B07E188_C5
							

DIAMETRO 30 mm
30 mm DIAMETER

SERIE CENELEC B06 CENELEC SERIES				SERIE CORTA B07 SHORTY SERIES			
B06G3010_	B06EG3015_	B063010_C5	B06E3015_C5	B07G3010_	B07EG3015_	B073010_C5	B07E3015_C5
							

SERIE B06 STANDARD CENELEC / B06 STANDARD CENELEC SERIES
DIAMETRO 6,5 - SCHERMATO
6,5 mm DIAMETER - SHIELDED

	USCITA CAVO / CABLE OUTPUT		USCITA CONNETTORE / CONNECTOR OUTPUT	
	PORTATA 1mm SENSING DISTANCE 1mm	PORTATA 1,5mm SENSING DISTANCE 1.5mm	PORTATA 1mm SENSING DISTANCE 1mm	PORTATA 1,5mm SENSING DISTANCE 1.5mm
PNP-NO	B06G6,51PO	B06G6,51,5PO	B066,51POC5	B066,51,5POC5
PNP-NC	B06G6,51PC	B06G6,51,5PC	B066,51PCC5	B066,51,5PCC5
NPN-NO	B06G6,51NO	B06G6,51,5NO	B066,51NOC5	B066,51,5NOC5
NPN-NC	B06G6,51NC	B06G6,51,5NC	B066,51NCC5	B066,51,5NCC5

DIAMETRO 6,5 - NON SCHERMATO
6,5 mm DIAMETER - UNSHIELDED

	USCITA CAVO / CABLE OUTPUT		USCITA CONNETTORE / CONNECTOR OUTPUT	
		NON SCHERMATO UNSHIELDED		NON SCHERMATO UNSHIELDED
PNP-NO	-	B06E6,52PO	-	B06E6,52POC5
PNP-NC	-	B06E6,52PC	-	B06E6,52PCC5
NPN-NO	-	B06E6,52NO	-	B06E6,52NOC5
NPN-NC	-	B06E6,52NC	-	B06E6,52NCC5

DIAMETRO 8 - SCHERMATO
8 mm DIAMETER - SHIELDED

	USCITA CAVO / CABLE OUTPUT		USCITA CONNETTORE / CONNECTOR OUTPUT	
	PORTATA 1mm SENSING DISTANCE 1mm	PORTATA 1,5mm SENSING DISTANCE 1.5mm	PORTATA 1mm SENSING DISTANCE 1mm	PORTATA 1,5mm SENSING DISTANCE 1.5mm
PNP-NO	B06G81PO	B06G81,5PO	B0681POC5	B0681,5POC5
PNP-NC	B06G81PC	B06G81,5PC	B0681PCC5	B0681,5PCC5
NPN-NO	B06G81NO	B06G81,5NO	B0681NOC5	B0681,5NOC5
NPN-NC	B06G81NC	B06G81,5NC	B0681NCC5	B0681,5NCC5

DIAMETRO 8 - NON SCHERMATO
8 mm DIAMETER - UNSHIELDED

	USCITA CAVO / CABLE OUTPUT		USCITA CONNETTORE / CONNECTOR OUTPUT	
		NON SCHERMATO UNSHIELDED		NON SCHERMATO UNSHIELDED
PNP-NO	-	B06E82PO	-	B06E82POC5
PNP-NC	-	B06E82PC	-	B06E82PCC5
NPN-NO	-	B06E82NO	-	B06E82NOC5
NPN-NC	-	B06E82NC	-	B06E82NCC5

DIAMETRO 12
12 mm DIAMETER

	USCITA CAVO / <i>CABLE OUTPUT</i>		USCITA CONNETTORE / <i>CONNECTOR OUTPUT</i>	
	SCHERMATO <i>SHIELDED</i>	NON SCHERMATO <i>UNSHIELDED</i>	SCHERMATO <i>SHIELDED</i>	NON SCHERMATO <i>UNSHIELDED</i>
PNP-NO	B06G122PO	B06EG124PO	B06122POC5	B06E124POC5
PNP-NC	B06G122PC	B06EG124PC	B06122PCC5	B06E124PCC5
NPN-NO	B06G122NO	B06EG124NO	B06122NOC5	B06E124NOC5
NPN-NC	B06G122NC	B06EG124NC	B06122NCC5	B06E124NCC5

DIAMETRO 18
18 mm DIAMETER

	USCITA CAVO / <i>CABLE OUTPUT</i>		USCITA CONNETTORE / <i>CONNECTOR OUTPUT</i>	
	SCHERMATO <i>SHIELDED</i>	NON SCHERMATO <i>UNSHIELDED</i>	SCHERMATO <i>SHIELDED</i>	NON SCHERMATO <i>UNSHIELDED</i>
PNP-NO	B06G185PO	B06EG188PO	B06185POC5	B06E188POC5
PNP-NC	B06G185PC	B06EG188PC	B06185PCC5	B06E188PCC5
NPN-NO	B06G185NO	B06EG188NO	B06185NOC5	B06E188NOC5
NPN-NC	B06G185NC	B06EG188NC	B06185NCC5	B06E188NCC5

DIAMETRO 30
30 mm DIAMETER

	USCITA CAVO / <i>CABLE OUTPUT</i>		USCITA CONNETTORE / <i>CONNECTOR OUTPUT</i>	
	SCHERMATO <i>SHIELDED</i>	NON SCHERMATO <i>UNSHIELDED</i>	SCHERMATO <i>SHIELDED</i>	NON SCHERMATO <i>UNSHIELDED</i>
PNP-NO	B06G3010PO	B06EG3015PO	B063010POC5	B06E3015POC5
PNP-NC	B06G3010PC	B06EG3015PC	B063010PCC5	B06E3015PCC5
NPN-NO	B06G3010NO	B06EG3015NO	B063010NOC5	B06E3015NOC5
NPN-NC	B06G3010NC	B06EG3015NC	B063010NCC5	B06E3015NCC5

B07 SERIE CORTA / B07 SHORTLY SERIES

DIAMETRO 6,5 - SCHERMATO

6,5 mm DIAMETER - SHIELDED

	USCITA CAVO / CABLE OUTPUT		USCITA CONNETTORE / CONNECTOR OUTPUT	
	PORTATA 1mm SENSING DISTANCE 1mm	PORTATA 1,5mm SENSING DISTANCE 1.5mm	PORTATA 1mm SENSING DISTANCE 1mm	PORTATA 1,5mm SENSING DISTANCE 1.5mm
PNP-NO	B07G6,51PO	B07G6,51,5PO	B076,51POC5	B076,51,5POC5
PNP-NC	B07G6,51PC	B07G6,51,5PC	B076,51PCC5	B076,51,5PCC5
NPN-NO	B07G6,51NO	B07G6,51,5NO	B076,51NOC5	B076,51,5NOC5
NPN-NC	B07G6,51NC	B07G6,51,5NC	B076,51NCC5	B076,51,5NCC5

DIAMETRO 6,5 - NON SCHERMATO

6,5 mm DIAMETER - UNSHIELDED

	USCITA CAVO / CABLE OUTPUT		USCITA CONNETTORE / CONNECTOR OUTPUT	
		NON SCHERMATO UNSHIELDED		NON SCHERMATO UNSHIELDED
PNP-NO	-	B07E6,52PO	-	B07E6,52POC5
PNP-NC	-	B07E6,52PC	-	B07E6,52PCC5
NPN-NO	-	B07E6,52NO	-	B07E6,52NOC5
NPN-NC	-	B07E6,52NC	-	B07E6,52NCC5

DIAMETRO 8 - SCHERMATO

8 mm DIAMETER - SHIELDED

	USCITA CAVO / CABLE OUTPUT		USCITA CONNETTORE / CONNECTOR OUTPUT	
	PORTATA 1mm SENSING DISTANCE 1mm	PORTATA 1,5mm SENSING DISTANCE 1.5mm	PORTATA 1mm SENSING DISTANCE 1mm	PORTATA 1,5mm SENSING DISTANCE 1.5mm
PNP-NO	B07G81PO	B07G81,5PO	B0781POC5	B0781,5POC5
PNP-NC	B07G81PC	B07G81,5PC	B0781PCC5	B0781,5PCC5
NPN-NO	B07G81NO	B07G81,5NO	B0781NOC5	B0781,5NOC5
NPN-NC	B07G81NC	B07G81,5NC	B0781NCC5	B0781,5NCC5

DIAMETRO 8 - NON SCHERMATO

8 mm DIAMETER - UNSHIELDED

	USCITA CAVO / CABLE OUTPUT		USCITA CONNETTORE / CONNECTOR OUTPUT	
		NON SCHERMATO UNSHIELDED		NON SCHERMATO UNSHIELDED
PNP-NO	-	B07E82PO	-	B07E82POC5
PNP-NC	-	B07E82PC	-	B07E82PCC5
NPN-NO	-	B07E82NO	-	B07E82NOC5
NPN-NC	-	B07E82NC	-	B07E82NCC5

DIAMETRO 12
12 mm DIAMETER

	USCITA CAVO / <i>CABLE OUTPUT</i>		USCITA CONNETTORE / <i>CONNECTOR OUTPUT</i>	
	SCHERMATO <i>SHIELDED</i>	NON SCHERMATO <i>UNSHIELDED</i>	SCHERMATO <i>SHIELDED</i>	NON SCHERMATO <i>UNSHIELDED</i>
PNP-NO	B07G122PO	B07EG124PO	B07122POC5	B07E124POC5
PNP-NC	B07G122PC	B07EG124PC	B07122PCC5	B07E124PCC5
NPN-NO	B07G122NO	B07EG124NO	B07122NOC5	B07E124NOC5
NPN-NC	B07G122NC	B07EG124NC	B07122NCC5	B07E124NCC5

DIAMETRO 18
18 mm DIAMETER

	USCITA CAVO / <i>CABLE OUTPUT</i>		USCITA CONNETTORE / <i>CONNECTOR OUTPUT</i>	
	SCHERMATO <i>SHIELDED</i>	NON SCHERMATO <i>UNSHIELDED</i>	SCHERMATO <i>SHIELDED</i>	NON SCHERMATO <i>UNSHIELDED</i>
PNP-NO	B07G185PO	B07EG188PO	B07185POC5	B07E188POC5
PNP-NC	B07G185PC	B07EG188PC	B07185PCC5	B07E188PCC5
NPN-NO	B07G185NO	B07EG188NO	B07185NOC5	B07E188NOC5
NPN-NC	B07G185NC	B07EG188NC	B07185NCC5	B07E188NCC5

DIAMETRO 30
30 mm DIAMETER

	USCITA CAVO / <i>CABLE OUTPUT</i>		USCITA CONNETTORE / <i>CONNECTOR OUTPUT</i>	
	SCHERMATO <i>SHIELDED</i>	NON SCHERMATO <i>UNSHIELDED</i>	SCHERMATO <i>SHIELDED</i>	NON SCHERMATO <i>UNSHIELDED</i>
PNP-NO	B07G3010PO	B07EG3015PO	B073010POC5	B07E3015POC5
PNP-NC	B07G3010PC	B07EG3015PC	B073010PCC5	B07E3015PCC5
NPN-NO	B07G3010NO	B07EG3015NO	B073010NOC5	B07E3015NOC5
NPN-NC	B07G3010NC	B07EG3015NC	B073010NCC5	B07E3015NCC5

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;*