

INTERRUTTORI DI PROSSIMITA' INDUTTIVI A PORTATA MAGGIORATA



- ⇒ **INTERRUTTORI DI PROSSIMITA' CILINDRICI**
INDUTTIVI DIAMETRO 6,5 - 8 - 12 - 18 - 30 mm
 ⇒ **SERIE STANDARD CENELEC e SERIE CORTA**
 ⇒ **USCITA CAVO O CONNETTORE M8 - M12 - C3 - C4**
 ⇒ **ALIMENTAZIONE IN C.C. 10 ÷ 30 Vcc**

- ⇒ **INDUCTIVE CYLINDRICAL PROXIMITY SWITCHES**
6,5 - 8 - 12 - 18 - 30 mm DIAMETER
- ⇒ **STANDARD CENELEC and SHORTY SERIES**
- ⇒ **CABLE OUTPUT OR M8 - M12 - C3 - C4**
CONNECTOR OUTPUT
- ⇒ **C.C. 10 ÷ 30 Vdc SUPPLY VERSION**

COME ORDINARE

HOW TO ORDER

B03 E - 30 15 P O C5

SERIE
SERIES

B03 = Serie Cenelec
Cenelec Series

B04 = Serie corta
Shorty series

MONTAGGIO
MOUNTING

[-] = Schermato / Shielded

E = Non schermato / *Unshielded*

CONNESSIONE LINK

[-] = connettore
connector

G = uscita cavo
cable output

N = uscita cavo con codolino
shank - type cable output

DIAMETRO SENSORE
SENSOR DIAMETER

6,5 = Ø 6,5 mm liscio/smooth
8 = M8 filettato/ threaded
12 = M12 filettato/ threaded
18 = M18 filettato/ threaded
30 = M30 filettato/ threaded

CONNESSIONE
LINK

[-] = uscita cavo (2 m)
cable output (2 m)

C3 = Connettore C3
C3 connector

C4 = Connettore C4
C4 connector

C5 = Connettore M12
M12 connector

V6 = Connettore M8
M8 connector

USCITA
OUTPUT

O = normalmente aperto
normally open

C = normalmente chiuso
normally closed

***SC** = 2 uscite NA + NC (4 fili)
2 outputs NO + NC (4 wires)

* SOLO / ONLY M12 - M18 - M30

ELETTRONICA
ELECTRONICS

P = PNP

N = NPN

DISTANZA DI RILEVAMENTO
SENSING DISTANCE

Ø6,5 = *2/ 3 mm - **4/ 6 mm

M8 = *2/ 3 mm - **4/ 6 mm

M12 = *4/ 6 mm - **8 mm

M18 = *8/ 10 mm - **16 mm

M30 = *20 mm - **35 mm

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

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.

Nelle versioni parzialmente schermate serie Ø6,5 e M8 nel riferimento la distanza di rilevamento 6 è da intendersi a 5mm
Unshielded versions Ø6,5 and M8 series in the reference sensing distance 6mm corresponds to 5mm.

File Name: b03_b04.cdr
Rev: 0.6 Date: 12/02/14

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

**SELET SENSOR s.r.l.**

Turin / Torino - Piedmont - Italy

E-mail: info@selet.it

WEB: www.selet.it

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 AL CORTO CIRCUITO	SI / YES	SHORT CIRCUIT PROTECTION
PROTEZIONE INVERS. POLARITÀ	SI / YES	REVERSE POLARITY PROTECTION
LED DI SEGNALE	SÍ / YES	OUTPUT STATUS LED
COMPATIBILITÀ ELETTROMAGNETICA CE	EN60947-5-2	CE COMPLIANCE
CERTIFICAZIONE	CE	CERTIFICATION

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

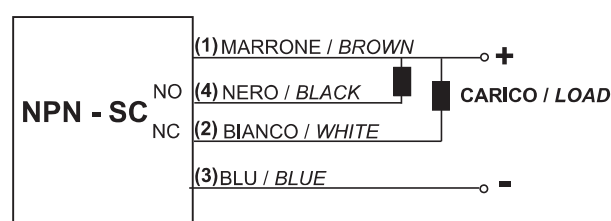
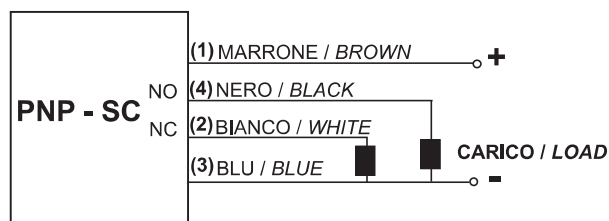
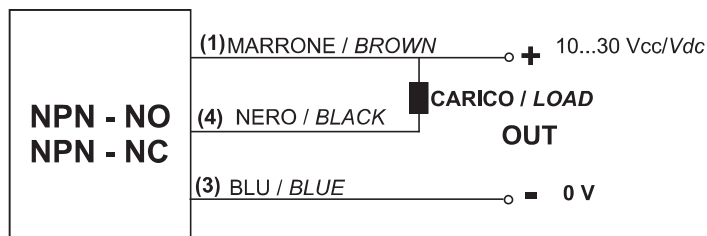
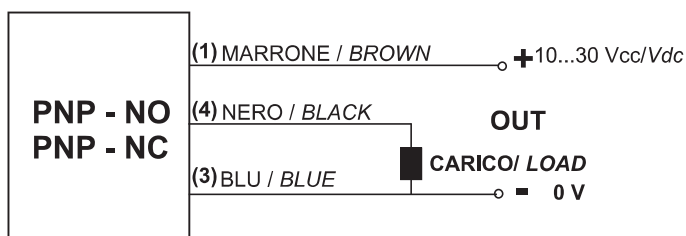
	Ø6,5 mm				
SCHERMATO	•				SHIELDED (FLUSH)
NON SCHERMATO			•		UNSHIELDED (NO FLUSH)
DISTANZA D'INTERVENTO - Sn	2	3	4	5	Sn – SENSING DISTANCE
DISTANZA REALE	± 15% Sn				REAL DISTANCE
ISTERESI	≤ 15% Sn				HYSTERESIS
RIPRODUCIBILITÀ	< 2% Sn				REPEATABILITY
FREQUENZA MASSIMA	1000 Hz		1000 Hz		MAX. SWITCHING 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				CABLE
CONNETTORE M8 (V6)	V6-V7				(V6) M8 CONNECTOR
CONNETTORE M12 (C5)	C5-C6-C7-L7				(C5) M12 CONNECTOR

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	3	4	5	4	6	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 M8 (V6)	V6-V7				/			(V6) M8 CONNECTOR
CONNETTORE M12 (C5)	C5-C6-C7-L7							(C5) M12 CONNECTOR
CONNETTORE ALTRO TIPO	C3							OTHER CONNECTOR

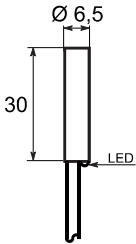
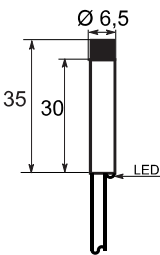
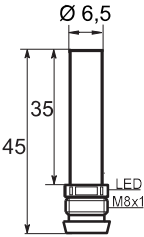
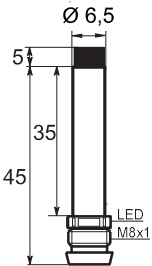
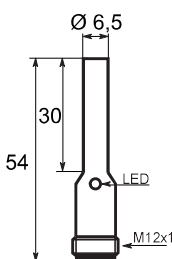
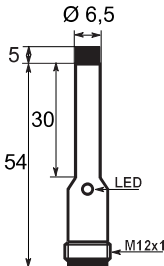
SENSORI DIAMETRO 18 - 30 mm
18 - 30 mm DIAMETER SENSORS

	M18			M30		
SCHERMATO	•			•		SHIELDED (FLUSH)
NON SCHERMATO				•		UNSHIELDED (NO FLUSH)
DISTANZA D'INTERVENTO - S _n	8	10	16	20	35	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	200 Hz	100 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					CABLE
CONNETTORE M12 (C5)	C5-C6-C7-L7					(C5) M12 CONNECTOR
CONNETTORE ALTRO TIPO	C3		C4			OTHER CONNECTOR

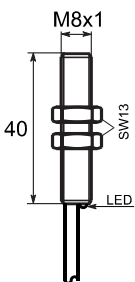
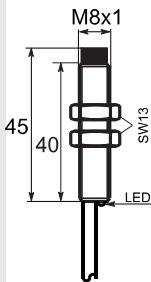
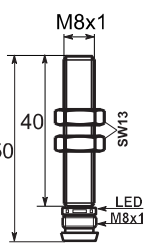
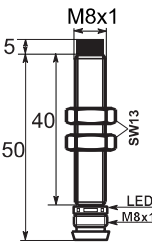
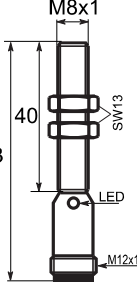
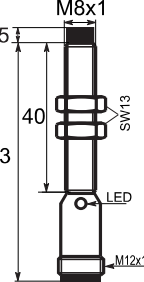
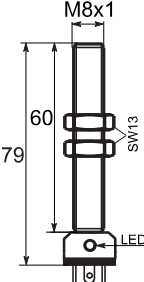
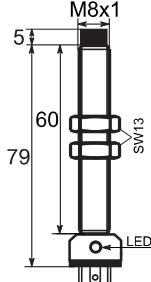
COLLEGAMENTI
CONNECTIONS

DIMENSIONI MECCANICHE
MECHANICAL SIZE
DIAMETRO 6,5 mm
6,5 mm DIAMETER
SERIE CENELEC B03 CENELEC SERIES

B03G6,52_ B03G6,53_	B03EG6,54_ B03EG6,56_	B036,52_V6 B036,53_V6	B03E6,54_V6 B03E6,56_V6	B036,52_C5 B036,53_C5	B03EG6,54_C5 B03EG6,56_C5

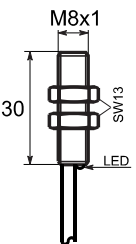
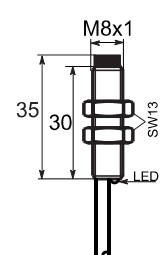
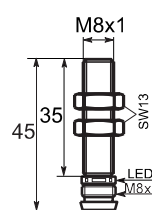
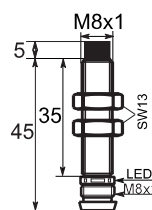
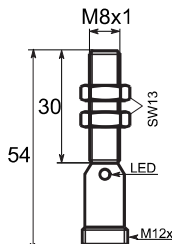
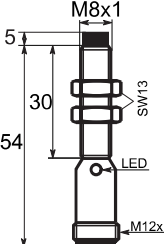
SERIE CORTA B04 SHORTY SERIES

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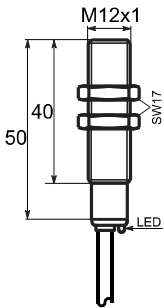
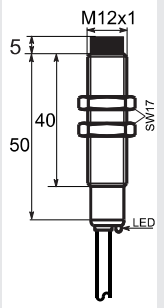
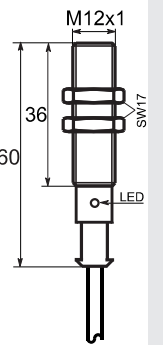
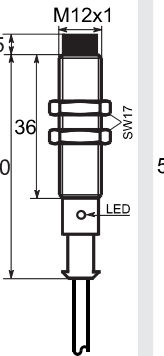
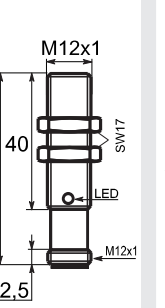
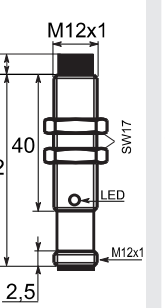
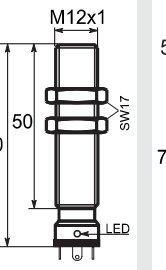
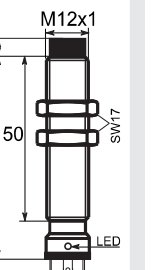
DIAMETRO 8 mm
8 mm DIAMETER
SERIE CENELEC B03 CENELEC SERIES

B03G82_ B03G83_	B03EG84_ B03EG86_	B0382_V6 B0383_V6	B03E84_V6 B03E86_V6	B0382_C5 B0383_C5	B03E84_C5 B03E86_C5	B0382_C3 B0383_C3	B03E84_C3 B03E86_C3
							

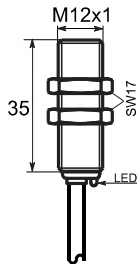
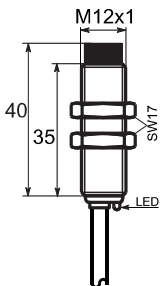
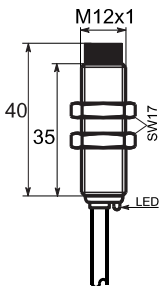
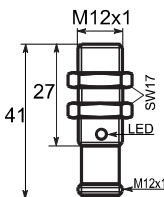
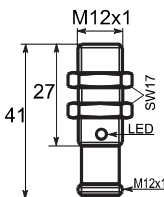
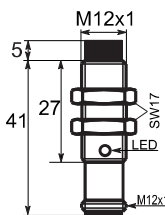
SERIE CORTA B04 SHORTY SERIES

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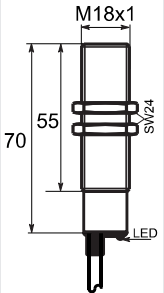
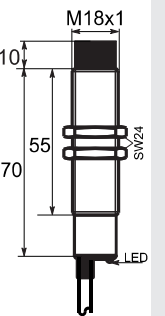
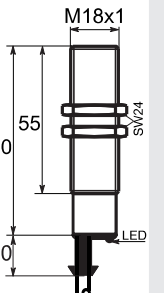
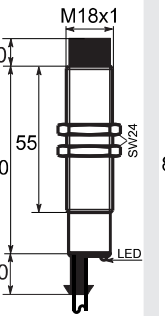
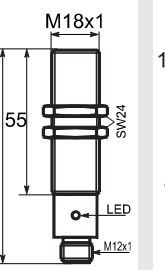
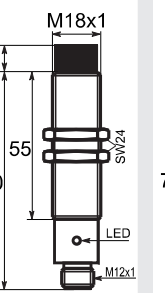
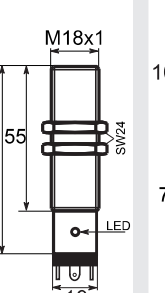
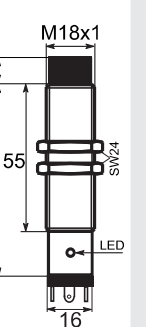
DIAMETRO 12 mm
12 mm DIAMETER
SERIE CENELEC B03 CENELEC SERIES

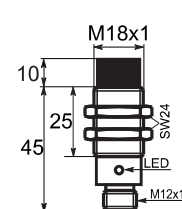
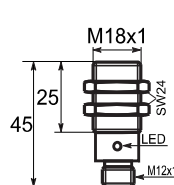
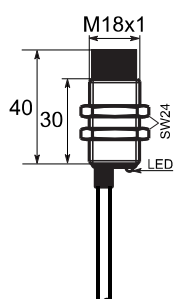
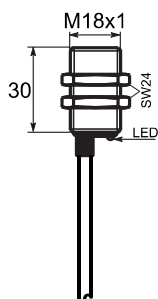
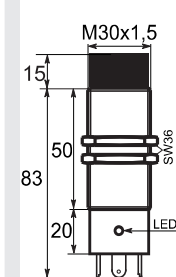
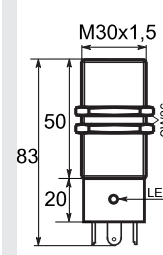
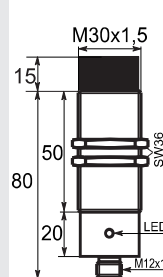
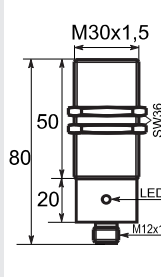
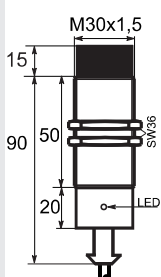
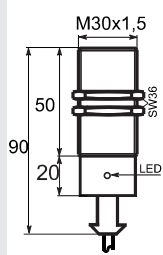
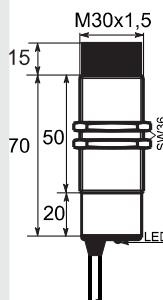
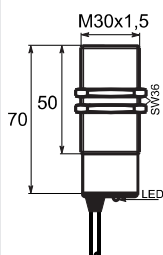
B03G124_ B03G126_	B03EG128_	B03N124_ B03N126_	B03EN128_	B03124_C5 B03126_C5	B03E128_C5	B03124_C3 B03126_C3	B03E128_C3
							

SERIE CORTA B04 SHORTY SERIES

B04G124_	B04G126_	B04EG128_	B04124_C5	B04126_C5	B04E128_C5
					

DIAMETRO 18 mm
18 mm DIAMETER
SERIE CENELEC B03 CENELEC SERIES

B03G188_ B03G1810_	B03EG1816_	B03N188_ B03N1810_	B03EN1816_	B03188_C5 B031810_C5	B01E1816_C5	B03188_C3 B031810_C3	B03E1816_C3
							

SERIE CORTA B04 SHORTY SERIES
B04G188_
B04G1810_
B04EG1816_
B04188_C5
B041810_C5
B04E1816_C5

DIAMETRO 30 mm
30 mm DIAMETER
SERIE CENELEC B03 CENELEC SERIES
B03G3020_
B03EG3035_
B03N3020_
B03EN3035_
B033020_C5
B03E3035_C5
B033020_C4
B03E3035_C4

SERIE CORTA B04 SHORTY SERIES
B04G3020_
B04EG3035_
B043020_C5
B04E3035_C5
