

**INTERRUTTORI DI PROSSIMITA'
INDUTTIVI PUSH-PULL
STANDARD**

**SERIE
SERIES B12**

***INDUCTIVE PROXIMITY SWITCHES
PUSH-PULL
STANDARD***

INTERRUTTORI DI PROSSIMITA' INDUTTIVI CON ELETTRONICA PUSH-PULL STANDARD INDUCTIVE PROXIMITY SWITCHES PUSH-PULL ELECTRONICS STANDARD

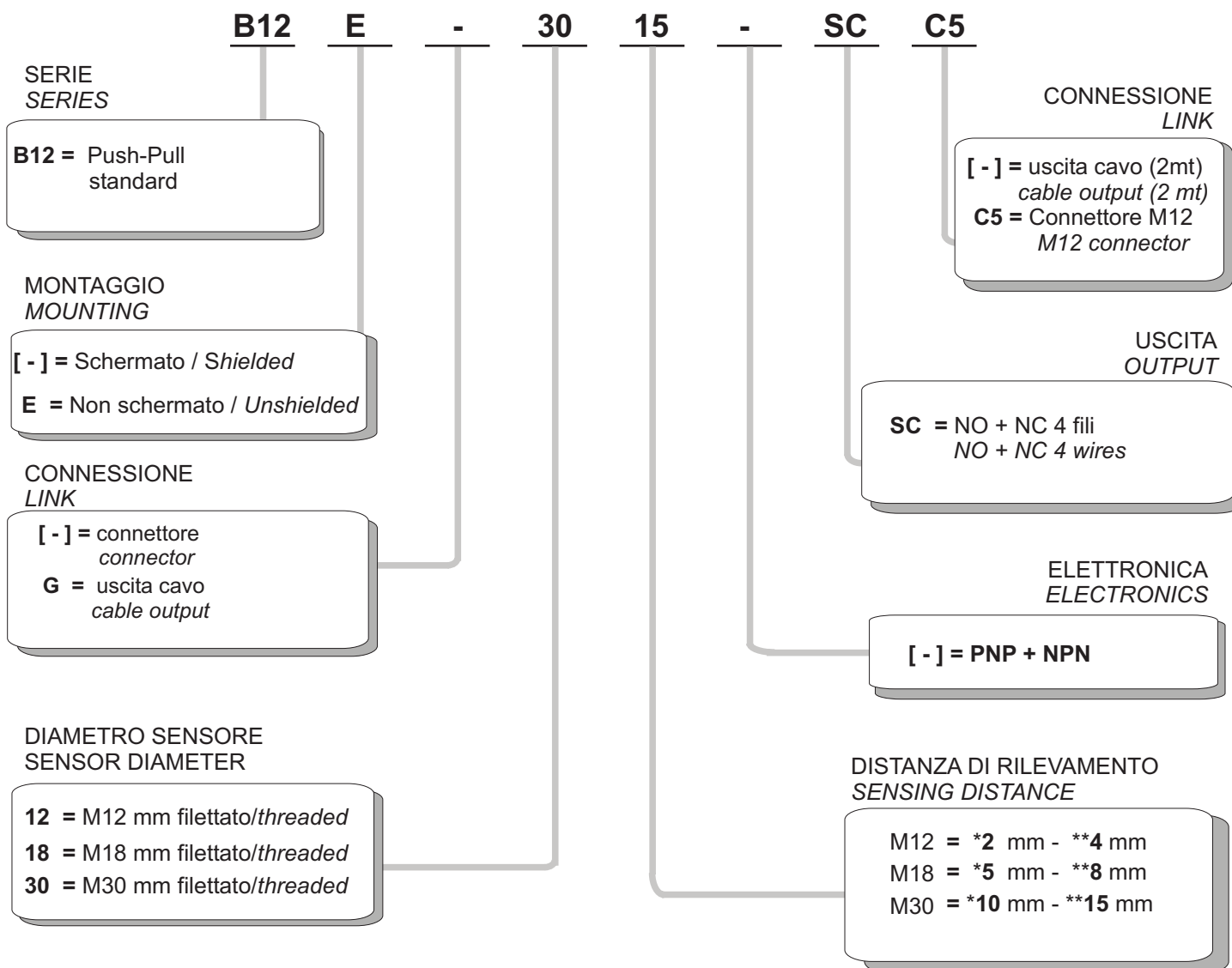


INTERRUTTORI DI PROSSIMITA' CILINDRICI
INDUTTIVI DIAM. 12, 18, 30 mm.
SERIE LUNGHEZZA STANDARD
USCITA CAVO O CONNETTORE M12
ALIMENTAZIONE IN C.C. 10 ÷ 30 Vdc

INDUCTIVE CYLINDRICAL PROXIMITY SWITCHES
12, 18, 30 mm DIAMETER STANDARD LENGTH
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

File Name: b12.cdr
Rev: 0.4

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

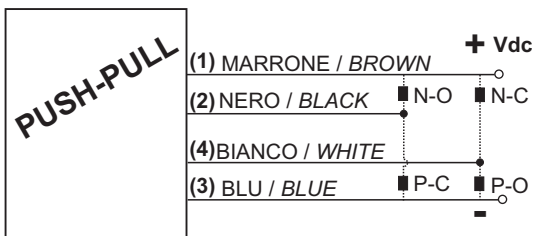
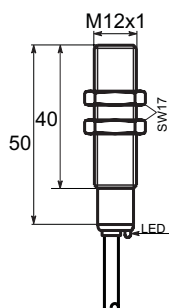
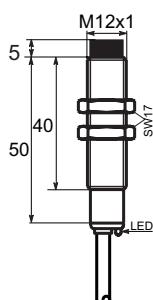
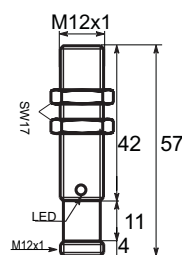
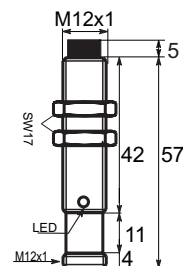
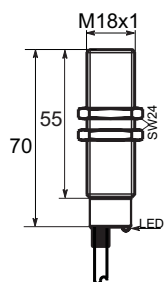
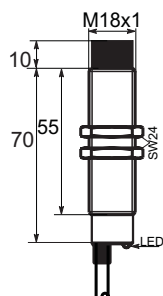
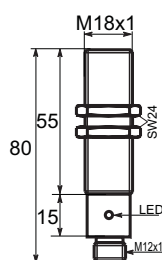
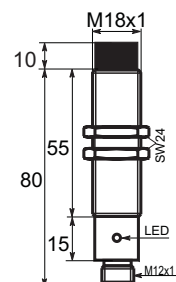
ALIMENTAZIONE	10 ÷ 30 V _{cc/Vdc}	SUPPLY VOLTAGE
ONDULAZIONE RESIDUA	≤ 10%	RIPPLE
ASSORBIMENTO	< 20 mA	POWER CONSUMPTION
CARICO MASSIMO	100 mA	MAXIMUM LOAD
CADUTA DI TENSIONE	3,5 V @ 100 mA	VOLTAGE DROP
PROTEZIONE C.C.	SI / YES	SHORT CIRCUIT PROTECTION
PROTEZIONE INVERS. POLARITA'	SI / YES	REVERSAL POLARITY PROTECTION
LED DI SEGNALEZIONE	SI / YES	OUTPUT STATUS LED
COMPATIBILITA' ELETTRROMAGNETICA CE	EN60947-5-2	CE COMPLIANCE
CERTIFICAZIONE	CE	CERTIFICATION

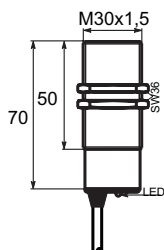
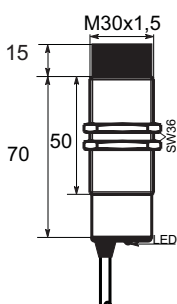
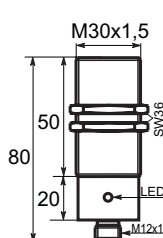
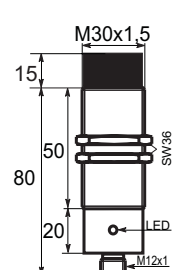
CARATTERISTICHE TECNICHE
TECHNICAL FEATURES
SENSORI DIAMETRO 12 mm
12 mm DIAMETER SENSORS

	M12		
SCHERMATO	•		SHIELDED (FLUSH)
NON SCHERMATO		•	UNSHIELDED (NON FLUSH)
DISTANZA D'INTERVENTO - S _n	2	4	S _n - SENSING DISTANCE
DISTANZA REALE	± 10% S _n		REAL DISTANCE
ISTERESI	≤ 10% S _n		HYSTERESIS
RIPETIBILITÀ	< 2% S _n		REPEATABILITY
FREQUENZA MASSIMA	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	4x0,14 mm ² - 2 m		CABLE
CONNETTORE M12 (C5)	C5-C6-C9-L9		(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 _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 S. STANDARD	1000 Hz	1000 Hz	500 Hz	200 Hz	MAX. SWITCHING FREQUENCY
FREQUENZA MASSIMA CORTI	1200 Hz				MAX. SWITCH FREQUENCY SHORTY
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	4x0,35 mm ² – 2 m				CABLE
CONNETTORE M12 (C5)	C5-C6-C9-I.9				(C5) M12 CONNECTOR

COLLEGAMENTI
CONNECTIONS

DIMENSIONI MECCANICHE
MECHANICAL SIZE
DIAMETRO 12 mm
12 mm DIAMETER
SERIE STANDARD B12 STANDARD SERIES
B12G122_

B12EG124_

B12122_C5

B12E124_C5

DIAMETRO 18 mm
18 mm DIAMETER
SERIE STANDARD B12 STANDARD SERIES
B12G185_

B12EG188_

B12185_C5

B12E188_C5


DIAMETRO 30 mm
30 mm DIAMETER
SERIE STANDARD B12 STANDARD SERIES
B12G3010_

B12EG3015_

B123010_C5

B12E3015_C5

ELENCO PRODOTTI
PRODUCTS LIST
SERIE STANDARD B12 PUSH-PULL STANDARD SERIES
DIAMETRO 12 mm
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/NPN – NO+NC	B12G122SC	B12EG124SC	B12122SCC5	B12E124SCC5

DIAMETRO 18 mm
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/NPN – NO+NC	B12G185SC	B12EG188SC	B12185SCC5	B12E188SCC5

DIAMETRO 30 mm
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/NPN – NO+NC	B12G3010SC	B12EG3015SC	B123010SCC5	B12E3015SCC5

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;*