

INTERRUTTORI DI PROSSIMITA' INDUTTIVI AD ANELLO

**SERIE
*SERIES***

**AAN
BAN**

***INDUCTIVE PROXIMITY SWITCHES
RING TYPE***

INTERRUTTORI DI PROSSIMITA' INDUTTIVI AD ANELLO CON VITE POTEZIOMETRICA INDUCTIVE PROXIMITY SWITCHES RING TYPE WITH TRIMMER



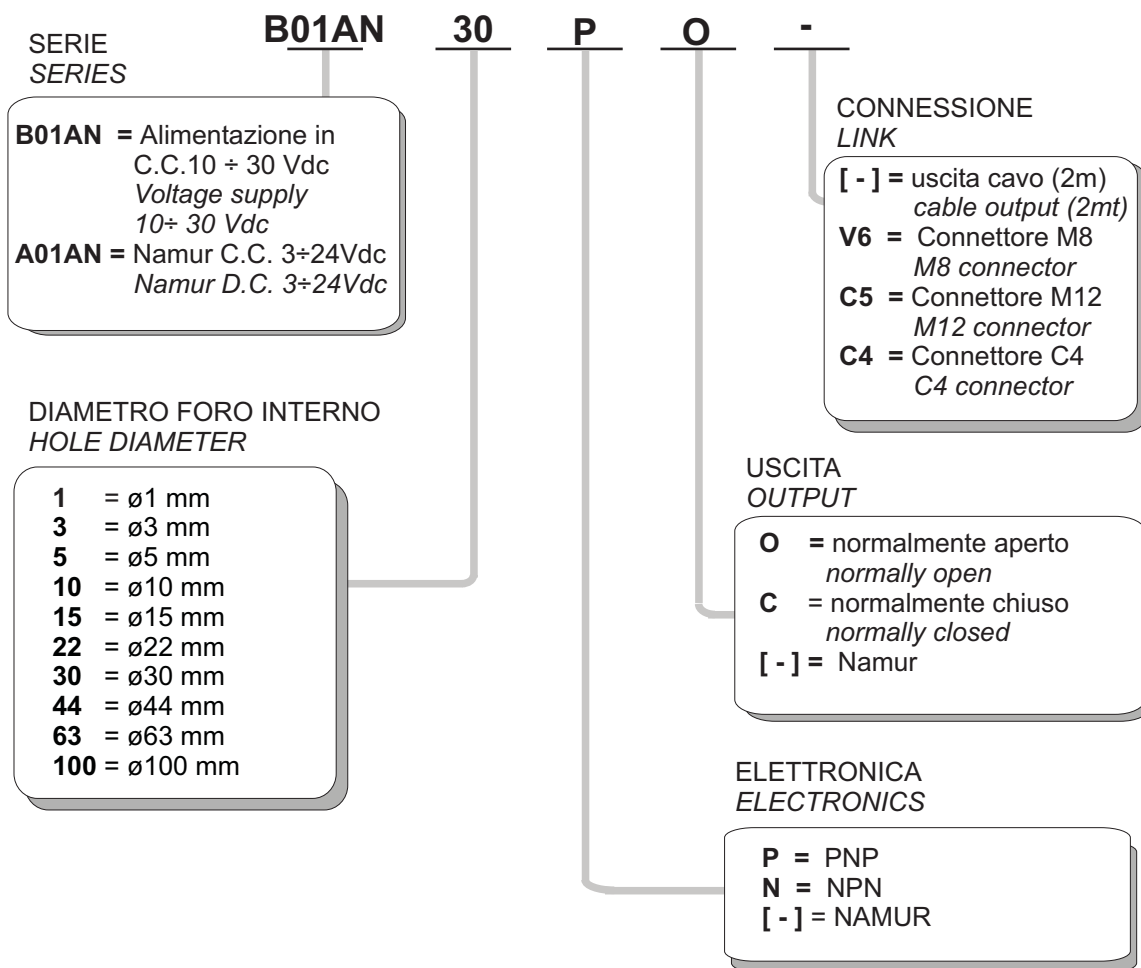
**INTERRUTTORI DI PROSSIMITA' AD ANELLO
INDUTTIVI FORO DIAMETRO 1, 3, 5, 10, 15, 22,
30, 44, 63, 100 mm
USCITA CAVO O CONNETTORE M8, M12, C4
ALIMENTAZIONE IN C.C. 10 ÷ 30 Vdc oppure
NAMUR IN C.C. 3 ÷ 24 Vdc**

**INDUCTIVE RING TYPE PROXIMITY SWITCHES
HOLE 1, 3, 5, 10, 15, 22, 30, 44, 63, 100 mm DIAMETER.
CABLE OUTPUT OR CONNECTOR OUTPUT
D.C. 10 ÷ 30 Vdc SUPPLY VERSION or
NAMUR 3 ÷ 24 Vdc SUPPLY VERSION**

COME ORDINARE

**CORRENTE CONTINUA
DIRECT CURRENT**

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.

File Name: anelli.cdr
Rev: 0.1

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CARATTERISTICHE ELETTRICHE
ELECTRICAL FEATURES
CORRENTE CONTINUA
DIRECT CURRENT

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	< 1,8 Vdc	VOLTAGE DROP
PROTEZIONE C.C.	SI / YES	SHORT CIRCUIT PROTECTION
PROTEZIONE INVERS. POLARITA'	SI / YES	REVERSE POLARITY PROTECTION
LED DI SEGNALE	SI / YES	OUTPUT STATUS LED
COMPATIBILITA' ELETTROMAGNETICA CE	EN60947-5-2	CE COMPLIANCE
CERTIFICAZIONE	CE	CERTIFICATION

CORRENTE CONTINUA NAMUR.
DIRECT CURRENT NAMUR

ALIMENTAZIONE	3 ÷ 24 Vcc/Vdc	SUPPLY VOLTAGE
ONDULAZIONE RESIDUA	≤ 10%	RIPPLE
ASSORBIMENTO	< 1 mA / >4 mA*	POWER CONSUMPTION
LED DI SEGNALE	NO	OUTPUT STATUS LED
COMPATIBILITA' ELETTROMAGNETICA CE	EN60947-5-2	CE COMPLIANCE
CERTIFICAZIONE	CE	CERTIFICATION

* <1 mA in presenza di oggetto / *with object*
 >4 mA in assenza di oggetto / *without object*

CARATTERISTICHE TECNICHE
TECHNICAL FEATURES
ANELLI CON FORO DIAMETRO 1-3-5-10 mm
RINGS WITH 1-3-5-10 mm DIAMETER HOLE

	C.C.	C.C. NAMUR	
SCHERMATO			SHIELDED (FLUSH)
NON SCHERMATO	•	•	UNSHIELDED (NON FLUSH)
FREQUENZA MASSIMA	1500 Hz		MAX. SWITCHING FREQUENCY
TEMPERATURA DI LAVORO	-25°C ÷ +70°C		WORKING TEMPERATURE
MAT.CORPO	ABS		BODY MATERIAL
PROTEZIONE	IP67 (con connettore montato / <i>with connector mounted</i>)		PROTECTION RATING
CAVO	3x0,14 mm ²	2x0,14mm ²	CABLE
CONNETTORE M8(V6)	V1-V2-V6-V7		M8 (V6) CONNECTOR
CONNETTORE M12(C5)	C5-C6-C7-L7		M12(C5) CONNECTOR

ANELLI CON FORO DIAMETRO 15-22-30 mm
RINGS WITH 15-22-30 mm DIAMETER HOLE

	C.C.	C.C. NAMUR	
SCHERMATO			<i>SHIELDED (FLUSH)</i>
NON SCHERMATO	•	•	<i>UNSHIELDED (NON FLUSH)</i>
FREQUENZA MASSIMA	1000 Hz		<i>MAX. SWITCHING FREQUENCY</i>
TEMPERATURA DI LAVORO	-25°C ÷ +70°C		<i>WORKING TEMPERATURE</i>
MAT.CORPO	ABS		<i>BODY MATERIAL</i>
PROTEZIONE	IP67 (con connettore montato / with connector mounted)		<i>PROTECTION RATING</i>
CAVO	3x0,14 mm ²	2x0,14mm ²	<i>CABLE</i>
CONNETTORE M8(V6)	V1-V2-V6-V7		<i>M8 (V6) CONNECTOR</i>
CONNETTORE M12(C5)	C5-C6-C7-L7		<i>M12(C5) CONNECTOR</i>

ANELLI CON FORO DIAMETRO 44 mm
RINGS WITH 44 mm DIAMETER HOLE

	C.C.	C.C. NAMUR	
SCHERMATO			<i>SHIELDED (FLUSH)</i>
NON SCHERMATO	•	•	<i>UNSHIELDED (NON FLUSH)</i>
FREQUENZA MASSIMA	500 Hz		<i>MAX. SWITCHING FREQUENCY</i>
TEMPERATURA DI LAVORO	-25°C ÷ +70°C		<i>WORKING TEMPERATURE</i>
MAT.CORPO	ABS		<i>BODY MATERIAL</i>
PROTEZIONE	IP67 (con connettore montato / with connector mounted)		<i>PROTECTION RATING</i>
CAVO	3x0,35 mm ²	2x0,35mm ²	<i>CABLE</i>
CONNETTORE M12(C5)	C5-C6-C7-L7		<i>M12(C5) CONNECTOR</i>
ALTRI CONNETTORI	C4		<i>OTHER CONNECTORS</i>

ANELLI CON FORO DIAMETRO 63 mm
RINGS WITH 63 mm DIAMETER HOLE

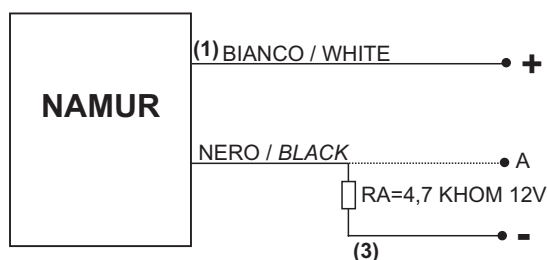
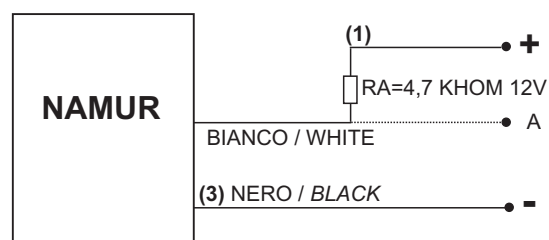
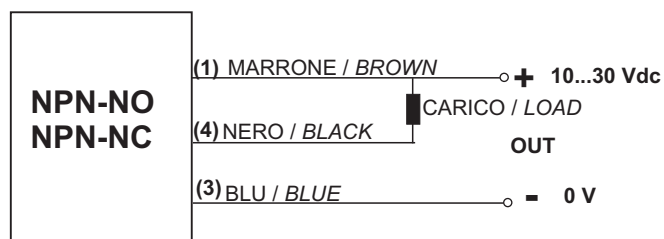
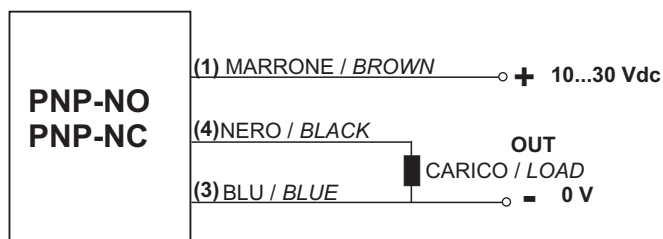
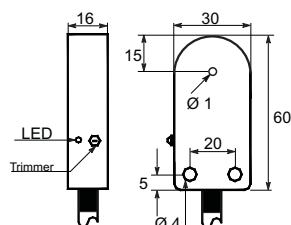
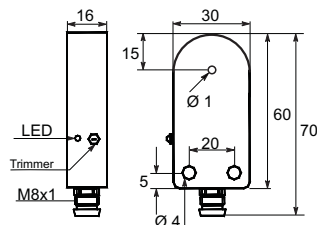
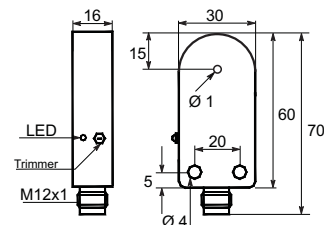
	C.C.	C.C. NAMUR	
SCHERMATO			<i>SHIELDED (FLUSH)</i>
NON SCHERMATO	•	•	<i>UNSHIELDED (NON FLUSH)</i>
FREQUENZA MASSIMA	200 Hz		<i>MAX. SWITCHING FREQUENCY</i>
TEMPERATURA DI LAVORO	-25°C ÷ +70°C		<i>WORKING TEMPERATURE</i>
MAT.CORPO	ABS		<i>BODY MATERIAL</i>
PROTEZIONE	IP67 (con connettore montato / with connector mounted)		<i>PROTECTION RATING</i>
CAVO	3x0,35 mm ²	2x0,35mm ²	<i>CABLE</i>
CONNETTORE M12(C5)	C5-C6-C7-L7		<i>M12(C5) CONNECTOR</i>
ALTRI CONNETTORI	C4		<i>OTHER CONNECTORS</i>

ANELLI CON FORO DIAMETRO 100 mm
RINGS WITH 100 mm DIAMETER HOLE

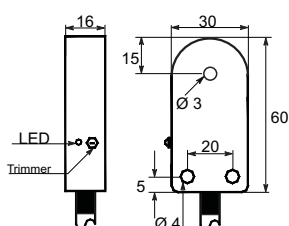
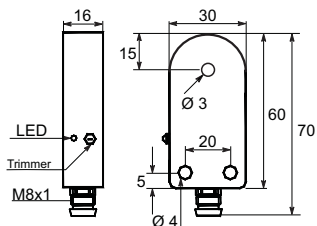
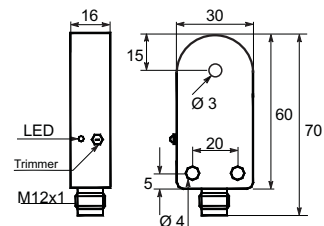
	C.C.	C.C. NAMUR	
SCHERMATO			<i>SHIELDED (FLUSH)</i>
NON SCHERMATO	•	•	<i>UNSHIELDED (NON FLUSH)</i>
FREQUENZA MASSIMA	100 Hz		<i>MAX. SWITCHING FREQUENCY</i>
TEMPERATURA DI LAVORO	-25°C ÷ +70°C		<i>WORKING TEMPERATURE</i>
MAT.CORPO	ABS		<i>BODY MATERIAL</i>
PROTEZIONE	IP67 (con connettore montato / with connector mounted)		<i>PROTECTION RATING</i>
CAVO	3x0,35 mm ²	2x0,35mm ²	<i>CABLE</i>
CONNETTORE M12(C5)	C5-C6-C7-L7		<i>M12(C5) CONNECTOR</i>
ALTRI CONNETTORI	C4		<i>OTHER CONNECTORS</i>

DIMENSIONI MINIME DELL'OGGETTO DA RILEVARE

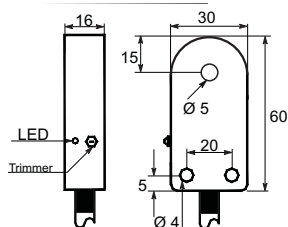
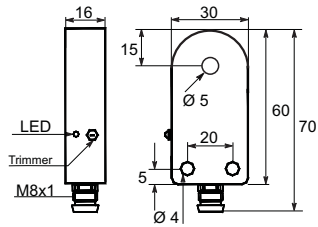
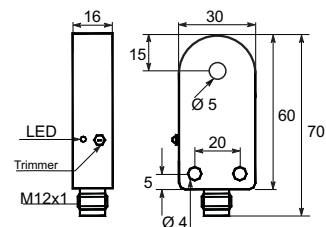
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LUNGHEZZA			2 mm	4 mm		12 mm		18 mm	25 mm	40 mm
DIAMETRO			1,5 mm	2,5 mm		6 mm		9 mm	12 mm	25 mm

COLLEGAMENTI
CONNECTIONS

DIMENSIONI MECCANICHE
MECHANICAL SIZE
FORO DIAMETRO 1mm
1mm DIAMETER HOLE
**B01AN1_
A01AN1***

**B01AN1_V6
A01AN1V6***

**B01AN1_C5
A01AN1C5***


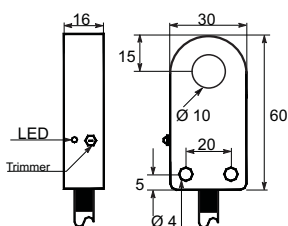
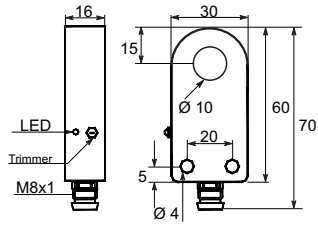
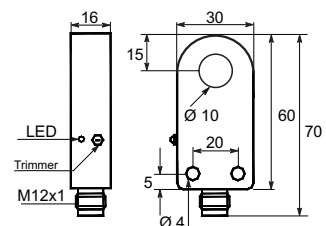
* SENZA LED / NO LED

FORO DIAMETRO 3 mm
3 mm DIAMETER HOLE
**B01AN3_
A01AN3***

**B01AN3_V6
A01AN3V6***

**B01AN3_C5
A01AN3C5***


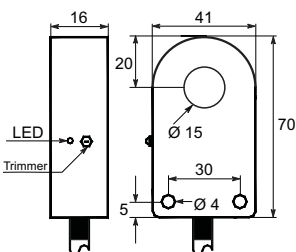
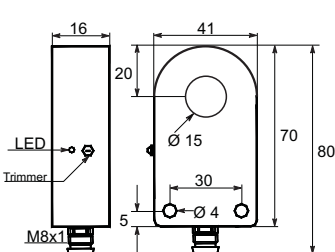
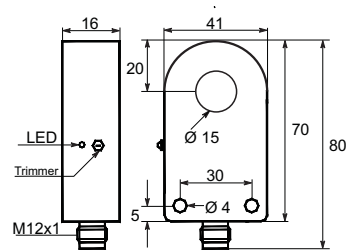
* SENZA LED / NO LED

FORO DIAMETRO 5 mm
5 mm DIAMETER HOLE
**B01AN5_
A01AN5***

**B01AN5_V6
A01AN5V6***

**B01AN5_C5
A01AN5C5***


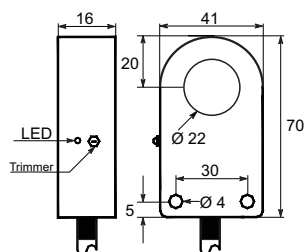
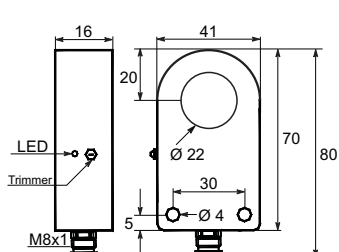
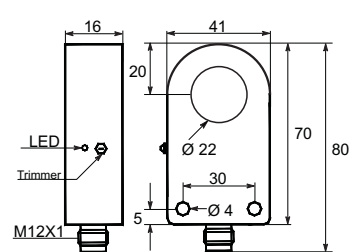
* SENZA LED / NO LED

FORO DIAMETRO 10 mm
10 mm DIAMETER HOLE
**B01AN10_
A01AN10***

**B01AN10_V6
A01AN10V6***

**B01AN10_C5
A01AN10C5***


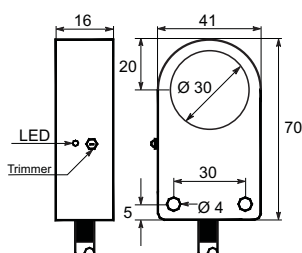
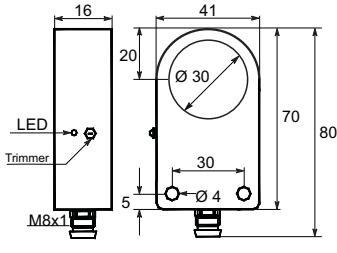
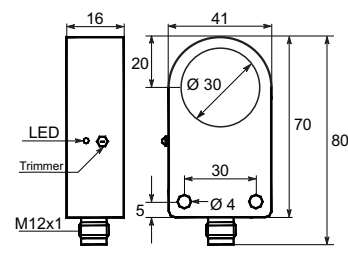
* SENZA LED / NO LED

FORO DIAMETRO 15 mm
15 mm DIAMETER HOLE
**B01AN15_
A01AN15***

**B01AN15_V6
A01AN15V6***

**B01AN15_C5
A01AN15C5***


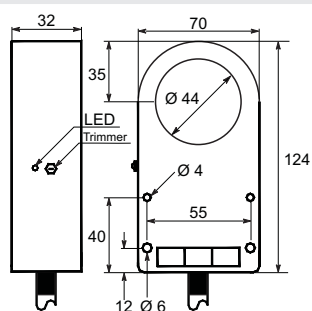
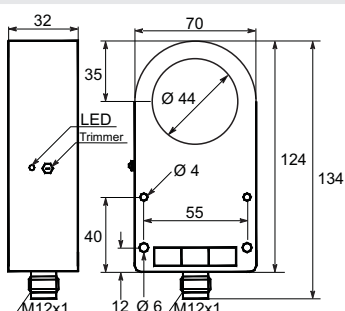
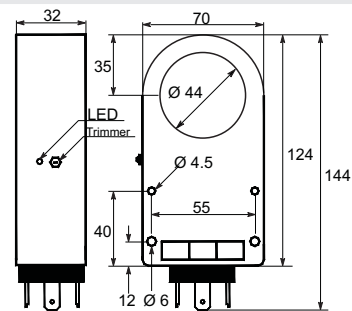
* SENZA LED / NO LED

FORO DIAMETRO 22 mm
22 mm DIAMETER HOLE
B01AN22_
A01AN22*

B01AN22_V6
A01AN22V6*

B01AN22_C5
A01AN22C5*


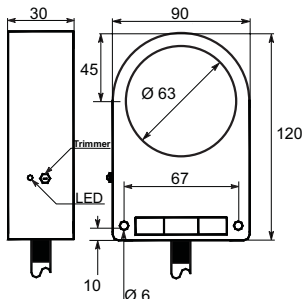
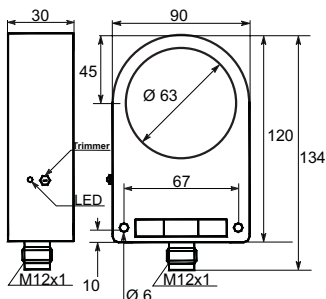
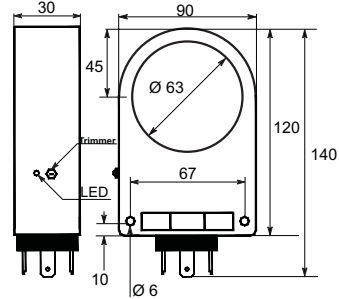
* SENZA LED / NO LED

FORO DIAMETRO 30 mm
30 mm DIAMETER HOLE
B01AN30_
A01AN30*

B01AN30_V6
A01AN30V6*

B01AN30_C5
A01AN30C5*


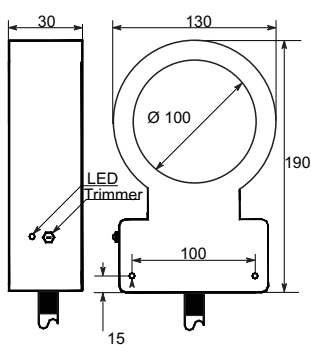
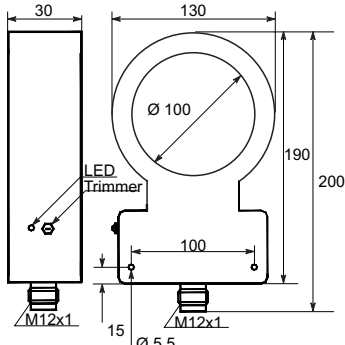
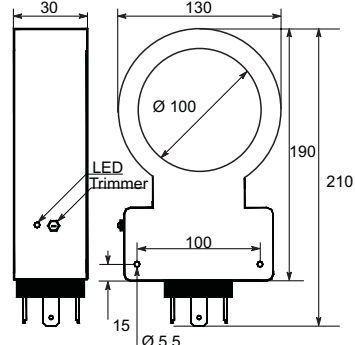
* SENZA LED / NO LED

FORO DIAMETRO 44 mm
44 mm DIAMETER HOLE
B01AN44_
A01AN44*

B01AN44_C5
A01AN44C5*

B01AN44_C4
A01AN44C4*


* SENZA LED / NO LED

FORO DIAMETRO 63 mm
63 mm DIAMETER HOLE
**B01AN63_
A01AN63***

**B01AN63_C5
A01AN63C5***

**B01AN63_C4
A01AN63C4***


* SENZA LED / NO LED

FORO DIAMETRO 100 mm
100 mm DIAMETER HOLE
**B01AN100_
A01AN100***

**B01AN100_C5
A01AN100C5***

**B01AN100_C4
B01AN100C4***


* SENZA LED / NO LED

ELENCO PRODOTTI
PRODUCTS LIST
**SERIE AD ANELLO
RING TYPE SERIES**
FORO DIAMETRO 1 mm
1 mm DIAMETER HOLE

	USCITA CAVO CABLE OUTPUT	CONNETTORE M8 M8 CONNECTOR	CONNETTORE M12 M12 CONNECTOR
PNP-NO	B01AN1PO	B01AN1POV6	B01AN1POC5
PNP-NC	B01AN1PC	B01AN1PCV6	B01AN1PCC5
NPN-NO	B01AN1NO	B01AN1NOV6	B01AN1NOC5
NPN-NC	B01AN1NC	B01AN1NCV6	B01AN1NCC5
NAMUR	A01AN1	A01AN1V6	A01AN1C5

FORO DIAMETRO 3 mm
3 mm DIAMETER HOLE

	USCITA CAVO CABLE OUTPUT	CONNETTORE M8 M8 CONNECTOR	CONNETTORE M12 M12 CONNECTOR
PNP-NO	B01AN3PO	B01AN3POV6	B01AN3POC5
PNP-NC	B01AN3PC	B01AN3PCV6	B01AN3PCC5
NPN-NO	B01AN3NO	B01AN3NOV6	B01AN3NOC5
NPN-NC	B01AN3NC	B01AN3NCV6	B01AN3NCC5
NAMUR	A01AN3	A01AN3V6	A01AN3C5

FORO DIAMETRO 5 mm
5 mm DIAMETER HOLE

	USCITA CAVO CABLE OUTPUT	CONNETTORE M8 M8 CONNECTOR	CONNETTORE M12 M12 CONNECTOR
PNP-NO	B01AN5PO	B01AN5POV6	B01AN5POC5
PNP-NC	B01AN5PC	B01AN5PCV6	B01AN5PCC5
NPN-NO	B01AN5NO	B01AN5NOV6	B01AN5NOC5
NPN-NC	B01AN5NC	B01AN5NCV6	B01AN5NCC5
NAMUR	A01AN5	A01AN5V6	A01AN5C5

FORO DIAMETRO 10 mm
10 mm DIAMETER HOLE

	USCITA CAVO CABLE OUTPUT	CONNETTORE M8 M8 CONNECTOR	CONNETTORE M12 M12 CONNECTOR
PNP-NO	B01AN10PO	B01AN10POV6	B01AN10POC5
PNP-NC	B01AN10PC	B01AN10PCV6	B01AN10PCC5
NPN-NO	B01AN10NO	B01AN10NOV6	B01AN10NOC5
NPN-NC	B01AN10NC	B01AN10NCV6	B01AN10NCC5
NAMUR	A01AN10	-	-

FORO DIAMETRO 15 mm
15 mm DIAMETER HOLE

	USCITA CAVO CABLE OUTPUT	CONNETTORE M8 M8 CONNECTOR	CONNETTORE M12 M12 CONNECTOR
PNP-NO	B01AN15PO	B01AN15POV6	B01AN15POC5
PNP-NC	B01AN15PC	B01AN15PCV6	B01AN15PCC5
NPN-NO	B01AN15NO	B01AN15NOV6	B01AN15NOC5
NPN-NC	B01AN15NC	B01AN15NCV6	B01AN15NCC5
NAMUR	A01AN15	A01AN15V6-	A01AN15C5

FORO DIAMETRO 22 mm
22 mm DIAMETER HOLE

	USCITA CAVO CABLE OUTPUT	CONNETTORE M8 M8 CONNECTOR	CONNETTORE M12 M12 CONNECTOR
PNP-NO	B01AN22PO	B01AN22POV6	B01AN22POC5
PNP-NC	B01AN22PC	B01AN22PCV6	B01AN22PCC5
NPN-NO	B01AN22NO	B01AN22NOV6	B01AN22NOC5
NPN-NC	B01AN22NC	B01AN22NCV6	B01AN22NCC5
NAMUR	A01AN22	A01AN22V6	A01AN22C5

FORO DIAMETRO 30 mm
30 mm DIAMETER HOLE

	USCITA CAVO CABLE OUTPUT	CONNETTORE M8 M8 CONNECTOR	CONNETTORE M12 M12 CONNECTOR
PNP-NO	B01AN30PO	B01AN30POV6	B01AN30POC5
PNP-NC	B01AN30PC	B01AN30PCV6	B01AN30PCC5
NPN-NO	B01AN30NO	B01AN30NOV6	B01AN30NOC5
NPN-NC	B01AN30NC	B01AN30NCV6	B01AN30NCC5
NAMUR	A01AN30	A01AN30V6	A01AN30C5

FORO DIAMETRO 44 mm
44 mm DIAMETER HOLE

	USCITA CAVO CABLE OUTPUT	CONNETTORE M12 M12 CONNECTOR	CONNETTORE C4 C4 CONNECTOR
PNP-NO	B01AN44PO	B01AN44POC5	B01AN44POC4
PNP-NC	B01AN44PC	B01AN44PCC5	B01AN44PCC4
NPN-NO	B01AN44NO	B01AN44NOC5	B01AN44NOC4
NPN-NC	B01AN44NC	B01AN44NCC5	B01AN44NCC4
NAMUR	A01AN44	A01AN44C5	A01AN44C4

FORO DIAMETRO 63 mm
63 mm DIAMETER HOLE

	USCITA CAVO CABLE OUTPUT	CONNETTORE M12 M12 CONNECTOR	CONNETTORE C4 C4 CONNECTOR
PNP-NO	B01AN63PO	B01AN63POC5	B01AN63POC4
PNP-NC	B01AN63PC	B01AN63PCC5	B01AN63PCC4
NPN-NO	B01AN63NO	B01AN63NOC5	B01AN63NOC4
NPN-NC	B01AN63NC	B01AN63NCC5	B01AN63NCC4
NAMUR	A01AN63	A01AN63C5	A01AN63C4

FORO DIAMETRO 100 mm
100 mm DIAMETER HOLE

	USCITA CAVO CABLE OUTPUT	CONNETTORE M12 M12 CONNECTOR	CONNETTORE C4 C4 CONNECTOR
PNP-NO	B01AN100PO	B01AN100POC5	B01AN100POC4
PNP-NC	B01AN100PC	B01AN100PCC5	B01AN100PCC4
NPN-NO	B01AN100NO	B01AN100NOC5	B01AN100NOC4
NPN-NC	B01AN100NC	B01AN100NCC5	B01AN100NCC4
NAMUR	A01AN100	A01AN100C5	A01AN100C4

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;*