

Catalogue No: IA18DSN14DO

INDUCTIVE NICKEL-BRASS SHORT M18 DC PNP/NPN NO 14mm 2M CABLE

Field Switching and Sensing > Non Contact Sensors > Proximity Sensors > Carlo Gavazzi Proximity Sensors > Carlo Gavazzi Discrete Inductive Proximity Sensors > Cylindrical 18mm - Inductive Sensors



IA Series Inductive Proximity Sensors, non-flush type, nickel-lated brass M18 short housing, 10 to 30 V DC power supply, Transistor NO output, 14mm sensing range, IP67 rating, 2m pre-wired cable

- Cylindrical housing from 4 to 30mm
- Both digital (SCR, transistor) and analogue outputs.
- Standard and extended sensing distance
- Flat-pack housing Stainless steel and Polyester housing Flush / Non flush versions



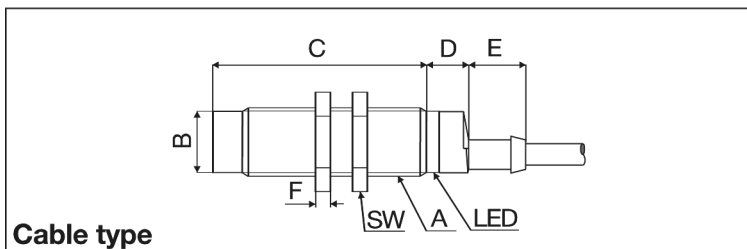
Representative Photo Only
(actual product may vary based on configuration selections)

SPECIFICATIONS

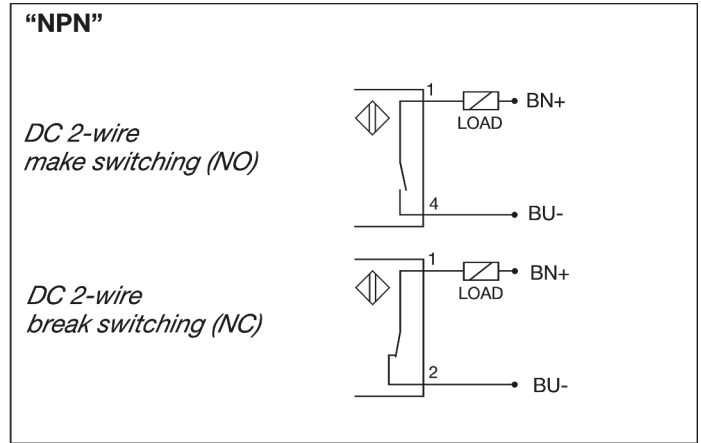
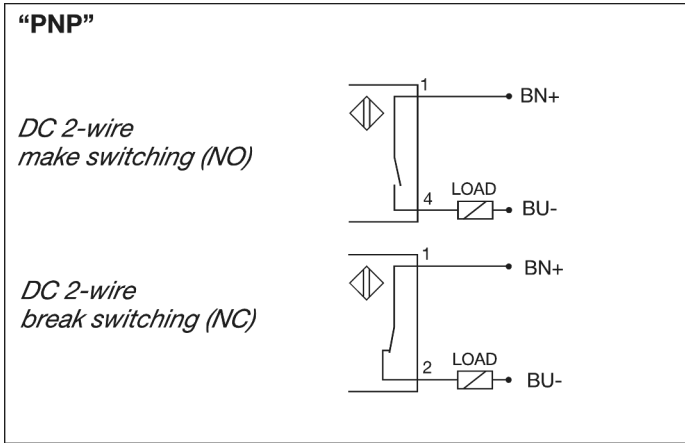
Product Series	IA
Component Type Field Switching & Sensing	Proximity Sensor
Sensing Mode	Inductive
Shielded	No
Shape	Cylindrical - Threaded
Diameter	18 mm
Length	65 mm
Orientation	Straight Through
Mounting (Multiple)	Non-Flush Mount Mounting Nuts (Included)
Teach Mode / Sensitivity Adjustment	No sensitivity
Sensing Distance	14 mm
Ue, Rated Operational Voltage, DC, min	10 V DC
Ue, Rated Operational Voltage, DC, max	40 V DC
Switching Mode	N/O
Output Type	NPN/PNP Selectable
Switching/Operating Frequency	400 Hz
Number of Conductors	2 qty
Connection / Termination	Built-in cable with flying leads
Length, Cable	2 m
Colour, Cable Jacket	Grey colour
Material, cable jacket	PVC material
Material, Body / Housing	Nickel-Plated Brass material
Operating Temperature, Max	70 °C max
Operating Temperature, Min	-25 °C min
Storage Temperature, Max	80 °C max
Storage Temperature, Min	-30 °C min
IP Rating	IP67

REFERENCES	
IECEX Certificate	-
Supplier Declaration of Conformity:	-
Installation Guide:	-
User Manual:	-
Manufacturer Datasheet:	IA18DSN14DO_ManufacturerDatasheet
Manufacturer Catalogue & Product Selection:	-

Type	A	B Ø mm	C mm	D mm	E mm	F mm	SW mm
IA 12 DSF 04 D.	M 12 x 1 x 38	10.7	38	11	5.0	4	17
IA 12 ASF 04 D. M1	M 12 x 1 x 38	10.7	38	25.2		4	17
IA 12 DSN 08 D.	M 12 x 1 x 38	10.7	42	11	5.0	4	17
IA 12 ASN 08 D. M1	M 12 x 1 x 38	10.7	42	25.2		4	17
IA 18 DSF 08 D.	M 18 x 1 x 30	16.7	30	11.6	15.4	4	24
IA 18 ASF 08 D. M1	M 18 x 1 x 30	16.7	30	25.0		4	24
IA 18 DSN 14 D.	M 18 x 1 x 30	16.7	38	11.6	15.4	4	24
IA 18 ASN 14 D. M1	M 18 x 1 x 30	16.7	38	25.0		4	24
IA 30 DSF 15 D.	M 30 x 1.5 x 30	28	30	13.6	15.4	5	36
IA 30 ASF 15 D. M1	M 30 x 1.5 x 30	28	30	25.0		5	36
IA 30 DSN 22 D.	M 30 x 1.5 x 30	28	42	13.6	15.4	5	36
IA 30 ASN 22 D. M1	M 30 x 1.5 x 30	28	42	25.0		5	36



Dimension Diagram



Connection / Wiring Diagram