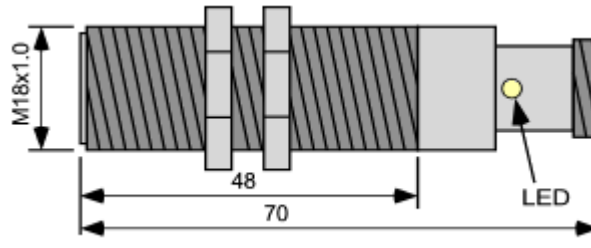


Technical Data

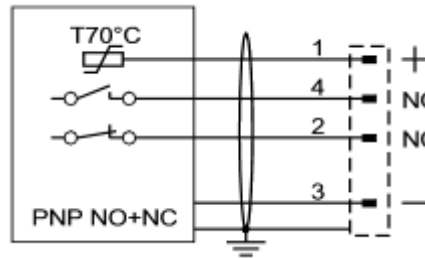
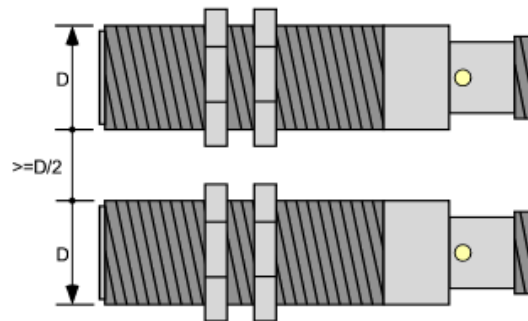
Inductive sensor ASI18-DC8, ATEX



Article	Inductive sensor ASI18-DC8, ATEX
Article number	3060008
Application purpose	Inductive proximity switch in 18mm housing for monitoring slides, flaps or other metallic parts
Scope of delivery	Sensor
General information	
Mounting	M18x1 screw terminal
Housing material	Metalic, Cylindrical, Nickelled brass
Lenght	70cm (without connection jack)
Connections	H type, M12x1, Male, Plug with gold plated contacts
Measurement method	Inductive
Electrical Data	
Operation voltage	10 – 30V _{DC}
Output function	PNP, NO+NC
Current consumption	<= 15mA
Switching distance (Sn)	0 - 8mm
Hysteresis (%Sn)	< 10
Switching frequency	400 Hz
Repeatability	<= 3 (at constant temp.)
Sensor connection	4-Pin, Screw plug, M12x1
Max. output current	200mA
Voltage drop	< 1.8VDC (output ON)
Short circuit protection	Present
Led	Present, Output switching status - 4 x 90° LED: Yellow
Temperature range	
Operation	-20°C bis +60°C
Storage	-25°C bis +60°C
Max. Case temp.	-
Additional temperature limit system	Non-resettable at +70°C intervention
Safety relevant data	
Protection class	Protection class II
IP protection class	IP67
Zone allocation	Zone 22
ATEX certification	Ex II 3D Ex tc IIIC T80°C Dc X

Mechanical data
Dimensions

Wiring diagrams

- 1) Power +
- 2) Output NC
- 3) Power -
- 4) Output NO
- 5) shield (housing)


Instructions for correct installation
Side by side mounting

Flush mounting

X) $\geq 1.5\text{mm}$

