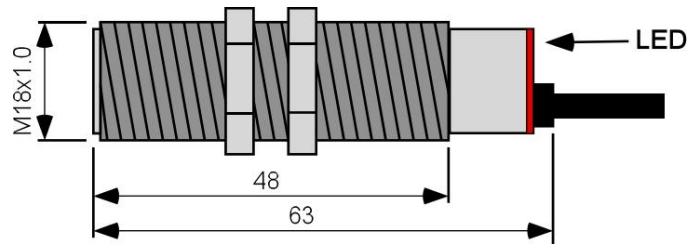


## Technical Data

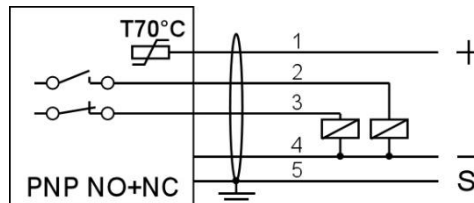
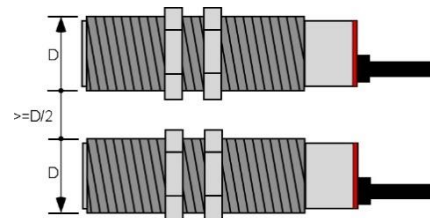
### Inductive sensor ASI18-DC8, ATEX



<b>Article</b>	<b>Inductive sensor ASI18-DC8, ATEX</b>
<b>Article number</b>	<b>0004023</b>
Application purpose	Inductive proximity switch in 18mm housing for monitoring slides, flaps or other metallic parts
Scope of delivery	Sensor
<b>General information</b>	
Mounting	M18x1 screw terminal
Housing material	Metalic, Cylindrical, Nickelled brass
Lenght	63cm
Connections	Shielded cable, length 3m, PVC
Measurement method	Inductive
<b>Electrical Data</b>	
Operation voltage	10 – 33V <sub>DC</sub>
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-Wire, 4 x 0.25mm <sup>2</sup> , shielded
Max. output current	200mA
Voltage drop	< 1.8VDC (output ON)
Short circuit protection	Incorporated
Led	Incorporated
<b>Temperature range</b>	
Operation	-20°C bis +60°C
Storage	-25°C bis +60°C
Max. Case temp.	+80°C
Additional temperature limit system	Non-resettable at +70°C intervention
<b>Safety relevant data</b>	
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) brown Power +
- 2) black Output NO
- 3) white Output NC
- 4) blue Power -
- 5) blanc shield (S)


**Instructions for correct installation**
**Side by side mounting**

**Flush mounting**

- X) >=1.5mm

