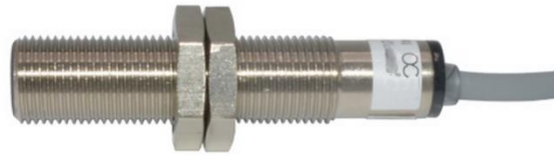
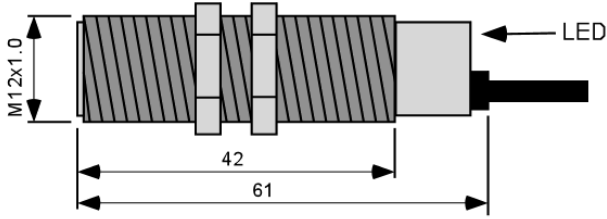
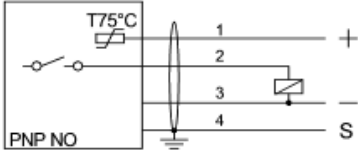
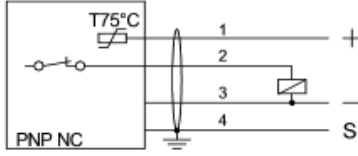
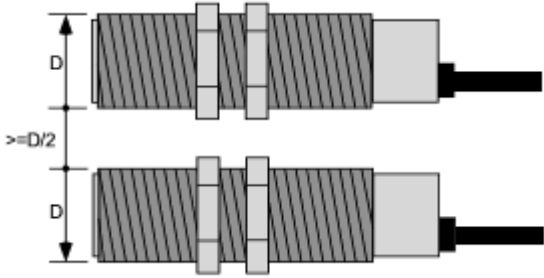


Technical Data

Inductive sensor ASI12-DC4, ATEX



Article	Inductive sensor ASI12-DC4, NO, ATEX	Inductive sensor ASI12-DC4, NC, ATEX
Article number	0004005	0004006
Application purpose	Inductive proximity switch in 12mm housing for monitoring slides, flaps or other metallic parts	
Scope of delivery	Sensor	
General information		
Mounting	M12x1 screw terminal	
Housing material	Metalic, Cylindrical, Nickelled brass	
Lenght	61mm	
Connections	Shielded cable, length 3m, PVC	
Measurement method	Inductive	
Electrical Data		
Operation voltage	10 – 30V _{DC}	
Output function	PNP, NO	PNP, NC
Current consumption	<= 15mA	
Switching distance (Sn)	0 - 4mm	
Hysteresis (%Sn)	< 10	
Switching frequency	1000 Hz	
Repeatability	<= 3 (at constant temp.)	
Sensor connection	3 Wire, 3 x 0.25mm ² , shielded	
Max. output current	200mA	
Voltage drop	< 1.8VDC (output ON)	
Short circuit protection	Incorporated	
Led	Incorporated	
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	<div style="display: flex; justify-content: space-around;"> <div style="width: 45%;"> <p>1) brown Power + 2) black Output 3) blue Power - 4) blanc shield</p>  <p>PNP NO</p> </div> <div style="width: 45%;">  <p>PNP NC</p> </div> </div>
Instructions for correct installation	
Side by side mounting	
Flush mounting	