

NS5001

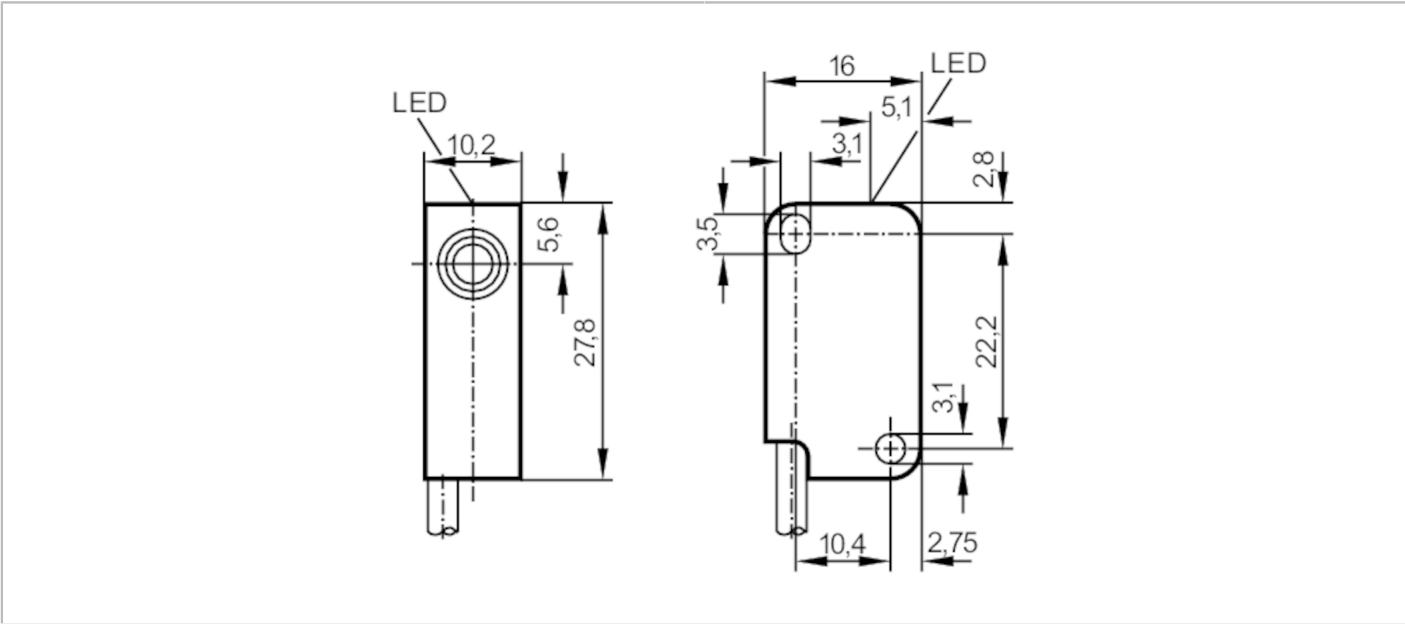


Induktiver NAMUR-Sensor

IS-2002-N/0,7M

Article no longer available - archive entry

Alternative articles: NS5003
When selecting an alternative article and accessories please note that technical data may differ!



Product characteristics

Electrical design	NAMUR
Output function	normally closed
Sensing range [mm]	2
Housing	rectangular
Dimensions [mm]	28 x 10 x 16

Electrical data

Connection at circuit amplifier	yes
Switching amplifiers	connection to switching amplifiers NV0100, NV0200 or other approved switching amplifiers with the max. values: U = 16 V / I = 50 mA / P = 180 mW (T5) / P = 123 mW (T6)
Nominal voltage DC [V]	8.2; (1kΩ)
Supply voltage DC [V]	5...25
Current consumption [mA]	< 1; (disabled; conductive: > 2,1)

Outputs

Electrical design	NAMUR
Output function	normally closed
Max. cable resistance [Ω]	50
Switching frequency DC [Hz]	800

Monitoring range

Sensing range [mm]	2
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Operating conditions

Ambient temperature [°C]	-20...70
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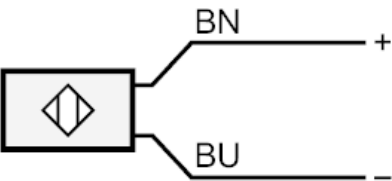
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Protection	IP 67	
Tests / approvals		
Approval	PTB-Zulassungs-Nr. Ex-00.E.2013; Gerätekennzeichnung: EEx ia IIC T5/T6	
Shock/vibration resistance	30 g (11 ms) / 10-55 Hz (1 mm)	
Safety classification		
Max. internal capacitance	[nF]	85
Max. internal inductance	[μH]	220
Mechanical data		
Housing	rectangular	
Mounting	flush mountable	
Dimensions	[mm]	28 x 10 x 16
Material	PBT	
Displays / operating elements		
Display	Switching status	1 x LED, red
Remarks		
Pack quantity	1 pcs.	
Electrical connection		
Cable: 0.7 m, PVC; 2 x 0.14 mm²		
Connection		



BN = Core colors :
brown
BU = blue