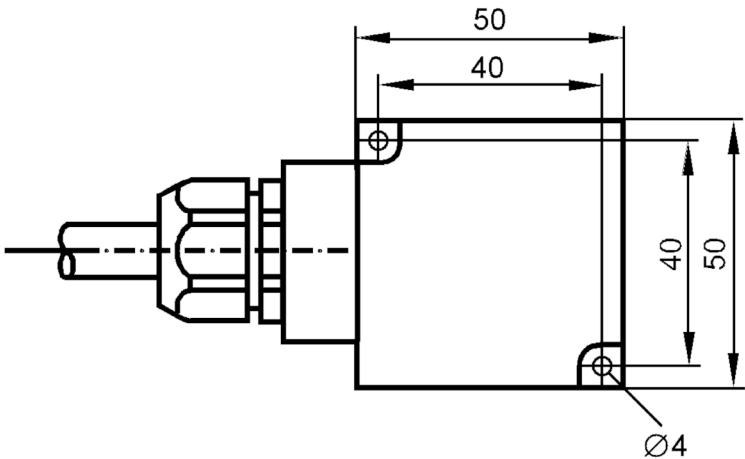




Position sensor for rising stem valves

IX-2025-ARKG

Article no longer available - archive entry



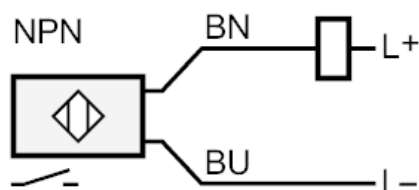
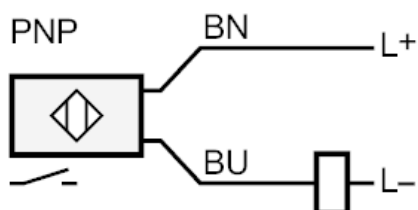
Product characteristics		
Electrical design		PNP/NPN
Output function		normally open
Sensing range	[mm]	25
Housing		rectangular
Dimensions	[mm]	50 x 50 x 50
Electrical data		
Operating voltage	[V]	10...55 DC
Reverse polarity protection		yes
Outputs		
Electrical design		PNP/NPN
Output function		normally open
Max. voltage drop switching output DC	[V]	4.5
Minimum load current	[mA]	4
Max. leakage current	[mA]	0.6
Permanent current rating of switching output DC	[mA]	100
Switching frequency DC	[Hz]	250
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes



Position sensor for rising stem valves

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Detection zone		
Sensing range	[mm]	25
Real sensing range Sr	[mm]	$25 \pm 10 \%$
Operating distance	[mm]	0...20.25
Accuracy / deviations		
Correction factor		steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.3 / copper: 0.2
Hysteresis	[% of Sr]	1...15
Switch point drift	[% of Sr]	-10...10
Operating conditions		
Ambient temperature	[°C]	-25...60
Protection		IP 68
Tests / approvals		
EMC	EN 60947-5-2	
	EN 55011	class B
Mechanical data		
Housing		rectangular
Mounting		non-flush mountable
Dimensions	[mm]	50 x 50 x 50
Materials		PVC
Remarks		
Pack quantity		1 pcs.
Electrical connection		
Cable: 15 m, PVC; 2 x 0.75 mm ²		
Connection		



BN =
BU =

Core colours :
brown
blue