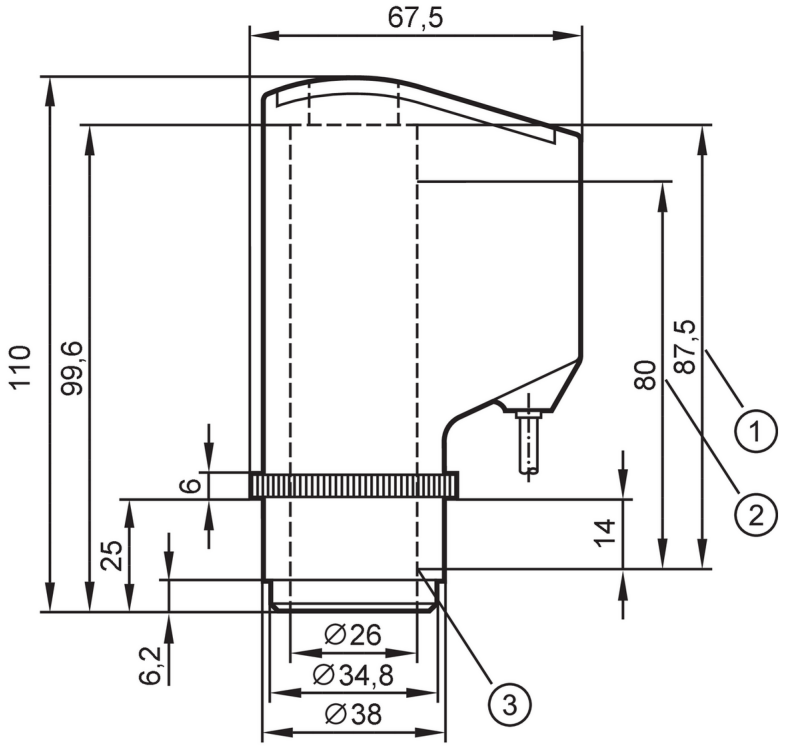
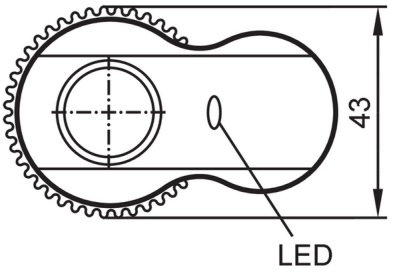
IX5002

Position sensor for rising stem valves

IX-3080-DPKG/1LED

Article no longer available - archive entry





1 max. spindle stroke
2 Measuring range
3 initial value of the measuring range zero point

CE

Product characteristics		
Dimensions	[mm]	67.5 x 43 x 110
Application		
Application		position feedback for seat valves and diaphragm valves; absolute distance measurement
Electrical data		
Operating voltage	[V]	18...36 DC
Current consumption	[mA]	42; (24 V)
Protection class		III
Reverse polarity protection		yes
Max. power-on delay time	[ms]	2000

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Outputs			
Analogue voltage output	[V]	1...5	
Min. load resistance	[Ω]	1000	
Short-circuit protection		yes	
Overload protection		yes	
Detection zone			
Measuring range	[mm]	0...80	
Max. target speed	[m/s]	1	
Resolution of valve stroke	[mm]	0.2	
Target			cylindrical disc
		-	Ø 24 mm ±0,05 mm
		-	minimum height 10 mm
		-	flat surface
		-	stainless steel to DIN17440, material number 316S12/1.4404.
Operating conditions			
Ambient temperature	[°C]	-25...85	
Note on ambient temperature		for firmly laid cable	
Protection		IP 65; IP 67	
Tests / approvals			
EMC		EN 61000-4-2 ESD	4 kV CD / 8 kV AD
		EN 61000-4-3 HF radiated	10 V/m
		EN 61000-4-4 Burst	2 kV coupling clamp
		EN 61000-4-6 HF conducted	3 V
Mechanical data			
Weight	[g]	191.5	
Dimensions	[mm]	67.5 x 43 x 110	
Materials		PA; TPE; PP; LCP	
Displays / operating elements			
Display		switching status	1 x LED, green
Remarks			
Pack quantity		1 pcs.	

IX5002

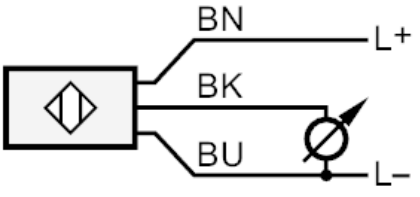
Position sensor for rising stem valves

IX-3080-DPKG/1LED

Electrical connection

Cable: 2 m, PVC; 3 x 0.14 mm²

Connection



	Core colours :
BK =	black
BN =	brown
BU =	blue