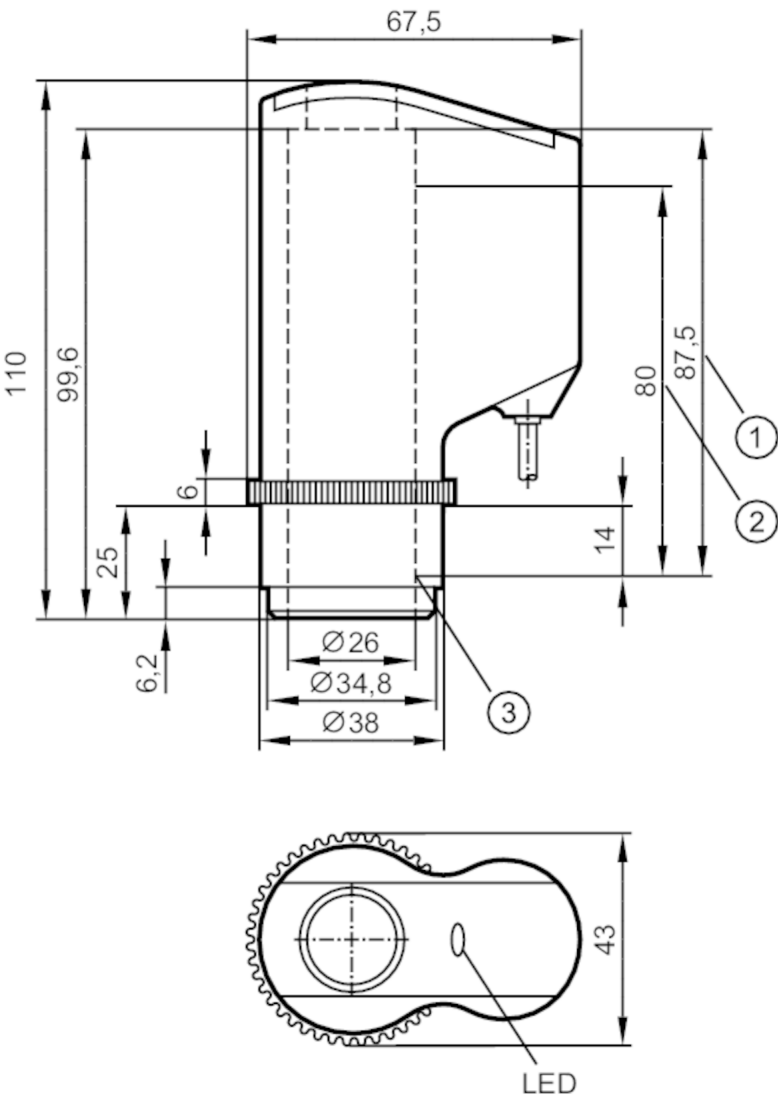




Position sensor for rising stem valves

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



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

IX5002



Position sensor for rising stem valves

IX-3080-DPKG/1LED

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



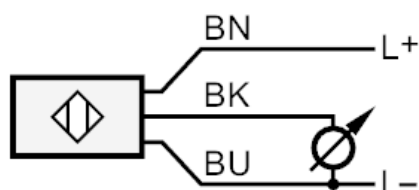
Position sensor for rising stem valves

IX-3080-DPKG/1LED

Electrical connection

Cable: 2 m, PVC; 3 x 0.14 mm²

Connection



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