IQ5004

Cylinder sensor for tie-rod cylinder

IQ5004/ 6m

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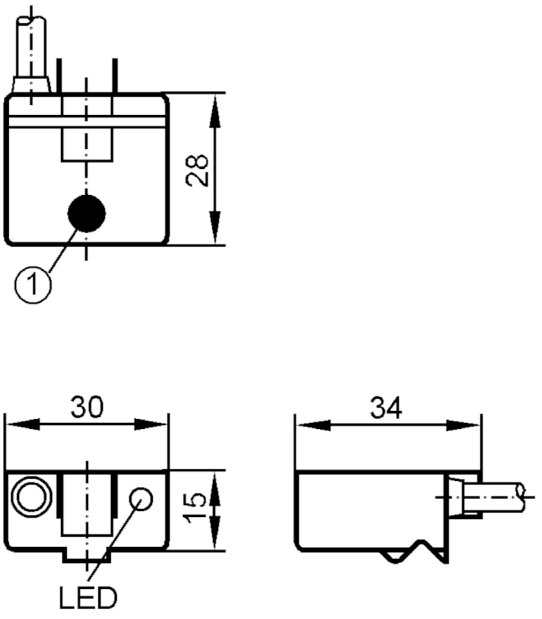

1 Sensing face

Product characteristics		
Electrical design		PNP
Output function		normally open
Electrical data		
Operating voltage	[V]	10...30 DC
Current consumption	[mA]	< 2
Reverse polarity protection		yes
Max. power-on delay time	[ms]	5
Outputs		
Electrical design		PNP
Output function		normally open
Max. voltage drop switching output DC	[V]	2.3
Permanent current rating of switching output DC	[mA]	200
Switching frequency DC	[Hz]	1000
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes
Detection zone		
Response sensitivity	[mT]	2...35
Travel speed	[m/s]	< 10

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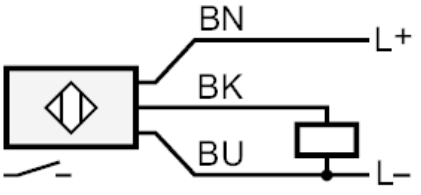
Accuracy / deviations		
Hysteresis	[mm]	1
Repeatability	[mm]	0.1
Operating conditions		
Ambient temperature	[°C]	-25...70
Protection		IP 67
Tests / approvals		
Shock/vibration resistance		30 g (11 ms) / 10-55 Hz (1 mm)
Mechanical data		
Cylinder type		pneumatic cylinders
Materials		plastics
Displays / operating elements		
Display	switching status	1 x LED, red
Remarks		
Pack quantity		1 pcs.

Electrical connection

Cable: 6 m, PVC

Connection



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