

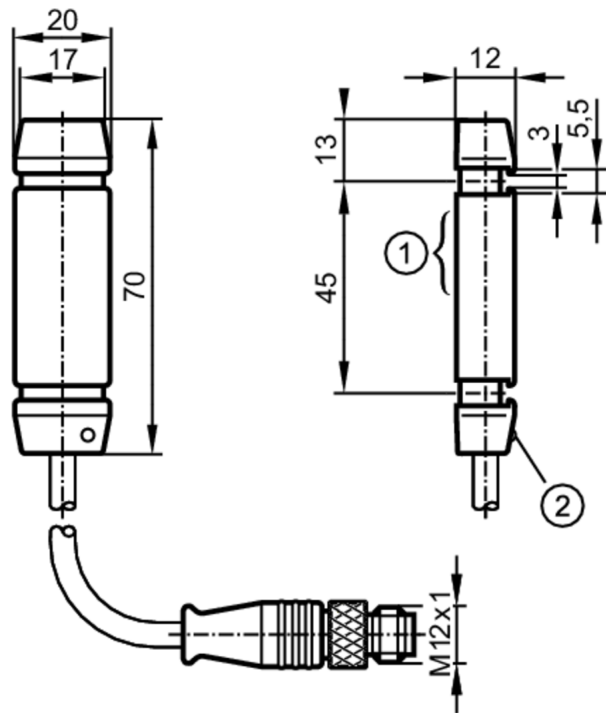


Inductive tube sensor

I8-3020-BPKG/DY/0,09M/US100DPS

Status Archive

/I85009



- 1 Sensing face
- 2 LED operating status



Application		
Operating principle		dynamic
Electrical data		
Operating voltage	[V]	10...35 DC
Current consumption	[mA]	< 25
Protection class		III
Reverse polarity protection		yes
Outputs		
Electrical design		PNP
Output function		normally open
Max. voltage drop switching output DC	[V]	2
Permanent current rating of switching output DC	[mA]	200
Short-circuit protection		yes
Overload protection		yes

**Inductive tube sensor**

I8-3020-BPKG/DY/0,09M/US100DPS

Detection zone		
Sensing range	[mm]	< 20
Resolution of steel ball (diameter)	[mm]	1
Max. part speed	[m/s]	35
Response times		
Pulse stretching	[ms]	100
Max. fall time	[ms]	100
Response time	[ms]	< 0.2
Operating conditions		
Ambient temperature	[°C]	-25...70
Protection		IP 67
Tests / approvals		
MTTF	[years]	982
Mechanical data		
Weight	[g]	55.8
Housing		rectangular
Dimensions	[mm]	70 x 20 x 12
Materials		housing: PC
Displays / operating elements		
Display	switching status	1 x LED, yellow
	operation	1 x LED, green
Electrical connection		
Connection		plug
Accessories		
Accessories (supplied)		fixing straps: 2
Remarks		
Notes		discontinued article
Pack quantity		1 pcs.
Electrical connection - plug		
Cable: 0.09 m, PUR		
Connector: 1 x M12		
		

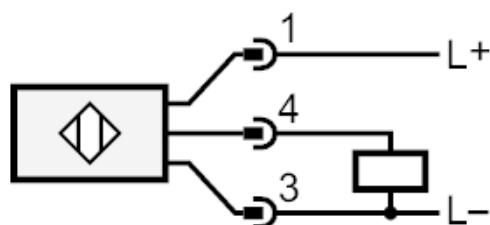
I85006



Inductive tube sensor

I8-3020-BPKG/DY/0,09M/US100DPS

Connection



Status Archive

/I85009