



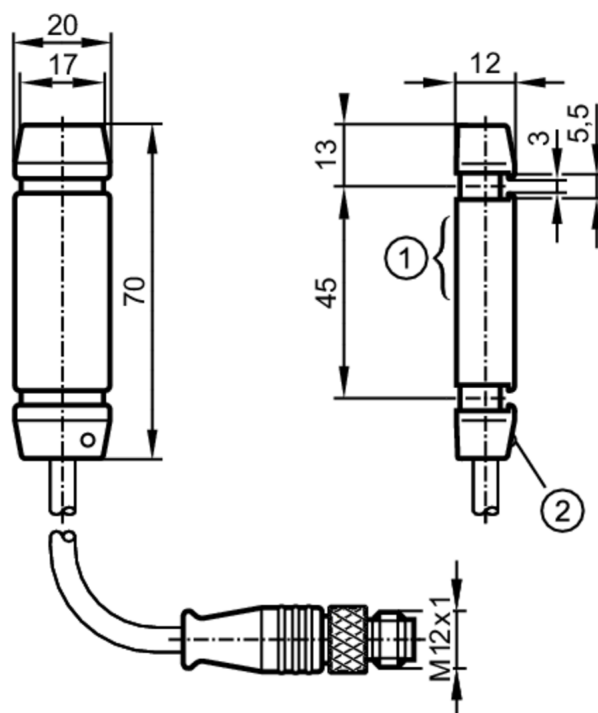
Inductive tube sensor

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

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Alternative articles: I85009

When selecting an alternative article and accessories please note that technical data may differ!



- 1 Sensing face
2 LED operating status



Product characteristics

Electrical design	PNP
Output function	normally open
Sensing range [mm]	< 20
Housing	rectangular
Dimensions [mm]	70 x 20 x 12

Application

Operating principle	dynamic
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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

**Inductive tube sensor**

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

Max. voltage drop switching output DC	[V]	2
Permanent current rating of switching output DC	[mA]	200
Short-circuit protection		yes
Overload protection		yes

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

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

Accessories

Items supplied	fixing straps: 2
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Remarks

Pack quantity	1 pcs.
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Electrical connection - plug

Cable: 0.09 m, PUR

Connector: 1 x M12; coding: A





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Connection

