



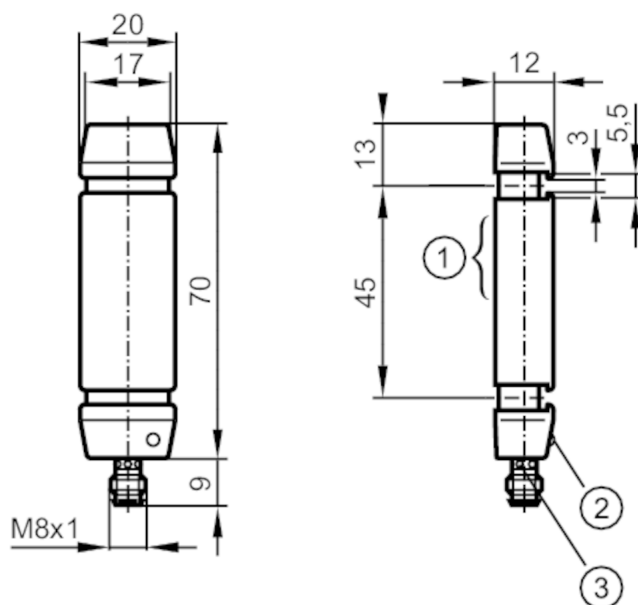
Inductive tube sensor

I8-3020-BPKG/DY/AS-610-DPS

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Alternative articles: I85008

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



- 1 Sensing face
- 2 LED operating status
- 3 LED switching 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
Max. voltage drop switching output DC [V]	2

**Inductive tube sensor**

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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]	30
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

Connector: 1 x M8; coding: A





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Connection

