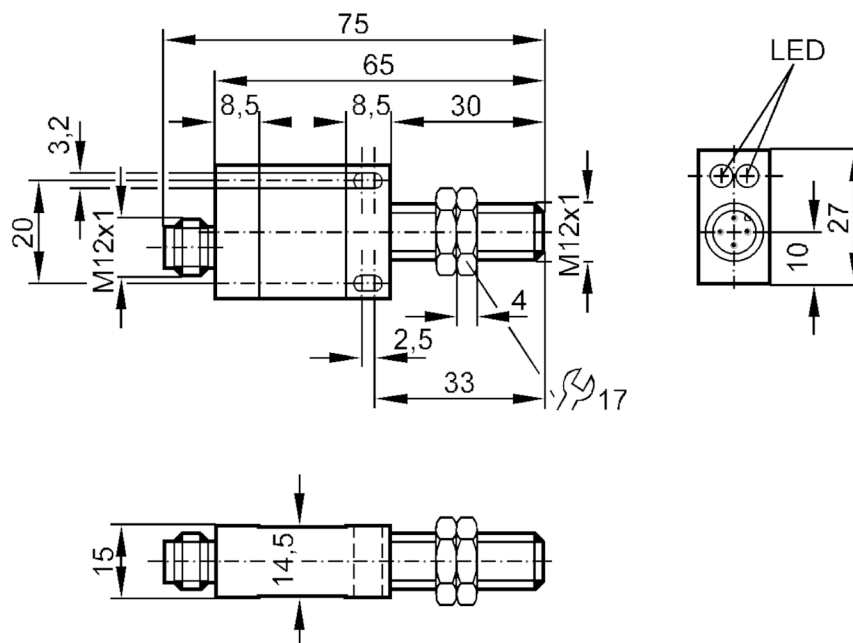


Inductive AS-Interface sensor

IFA2002-ASI /US-100

Article no longer available - archive entry



Product characteristics

Electrical design	AS-i
Sensing range [mm]	2
Housing	Threaded type
Dimensions [mm]	M12 x 1

Electrical data

Operating voltage [V]	26.5...31.6 DC
Current consumption [mA]	< 30
Protection class	III
Reverse polarity protection	yes

Outputs

Electrical design	AS-i
Short-circuit protection	yes
Type of short-circuit protection	yes (non-latching)
Overload protection	yes

Monitoring range

Sensing range [mm]	2
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Operating conditions		
Ambient temperature	[°C]	-25...70
Protection		IP 65
Tests / approvals		
EMC	EN 60947-5-2	
	EN 55011	class B
AS-i classification		
AS-i I/O configuration	[hex]	1
AS-i ID code	[hex]	1
Mechanical data		
Housing		Threaded type
Mounting		flush mountable
Dimensions	[mm]	M12 x 1
Thread designation		M12 x 1
Material		brass white bronze coated; PBT
Displays / operating elements		
Display	Switching status	1 x LED, yellow
	Unsafe zone	1 x LED, red sensor coil wire break, sensor coil short circuit Sr: 0...10 % (< 10 Hz) Sn: 80...115 % (< 10 Hz)
Accessories		
Items supplied		lock nuts: 2
Remarks		
Remarks		Assured range: approx. 10...80 % of Sn
Pack quantity		1 pcs.
Electrical connection - plug		
Connector: 1 x M12; coding: A		
		



IF5847



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Connection

