IF5847

Inductive AS-Interface sensor

IFA2002-ASI /US-100

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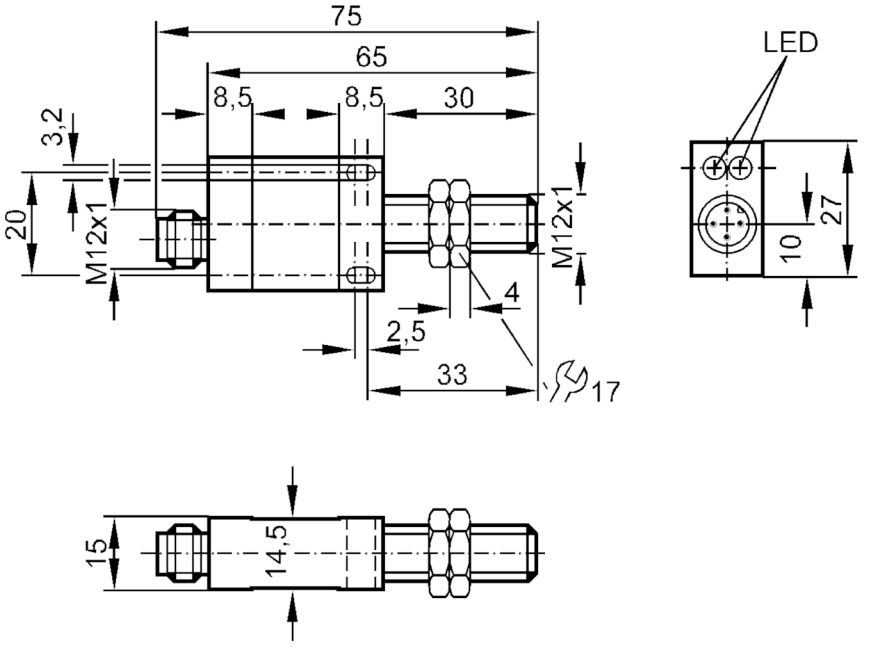

Product characteristics		
Electrical design		AS-i
Sensing range	[mm]	2
Housing		threaded type
Dimensions	[mm]	M12 x 1
Electrical data		
Operating voltage	[V]	26.5...31.6 DC
Current consumption	[mA]	< 30
Protection class		III
Reverse polarity protection		yes
Outputs		
Electrical design		AS-i
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes
Detection zone		
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	
Materials		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

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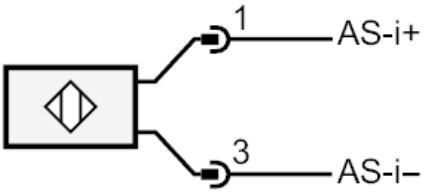
Connection