



Inductive AS-Interface sensor

IAE2010-ASI

Article no longer available - archive entry



Product characteristics

Electrical design	AS-i
Sensing range [mm]	10
Housing	cylindrical
Dimensions [mm]	Ø 20 / L = 92

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]	10
--------------------	----

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
AS-i certificate	02601



Inductive AS-Interface sensor

IAE2010-ASI

Mechanical data		
Housing	cylindrical	
Mounting	non-flush mountable	
Dimensions	[mm]	Ø 20 / L = 92
Materials	PBT; LED window: PC	
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	Mounting clamps: 1	
Remarks		
Remarks	Assured range: approx. 10...80 % of Sn	
Pack quantity	1 pcs.	
Electrical connection		
terminals: ...2.5 mm²		
Connection		

