

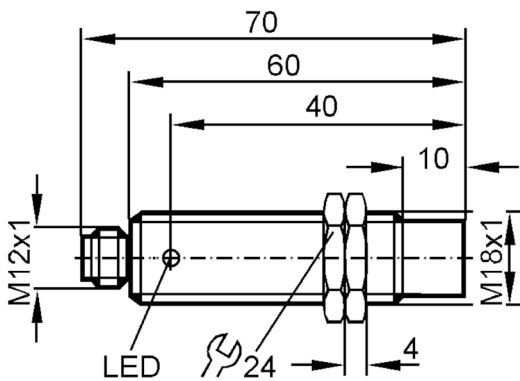


Inductive AS-Interface sensor

IGA2008-ASI/US-100

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Alternative articles: IGC235
When selecting an alternative article and accessories please note that technical data may differ!



Product characteristics		
Electrical design		AS-i
Output function		normally open / closed; (selectable)
Sensing range	[mm]	8
Housing		Threaded type
Dimensions	[mm]	M18 x 1
Electrical data		
Operating voltage	[V]	26.5...31.6 DC
Current consumption	[mA]	< 25
Reverse polarity protection		no
Outputs		
Electrical design		AS-i
Output function		normally open / closed; (selectable)
Short-circuit protection		no
Overload protection		no
Monitoring range		
Sensing range	[mm]	8
Real sensing range Sr	[mm]	8 ± 10 %
Operating distance	[mm]	0...6.48



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Accuracy / deviations		
Correction factor	steel: 1 / stainless steel: 0.72 / aluminum: 0.42 / copper: 0.4	
Hysteresis	[% of Sr]	5
Switch-point drift	[% of Sr]	-10...10
Operating conditions		
Ambient temperature	[°C]	-25...70
Protection	IP 67	
Tests / approvals		
EMC	EN 60947-5-2	
Mechanical data		
Housing	Threaded type	
Mounting	non-flush mountable	
Dimensions	[mm]	M18 x 1
Thread designation	M18 x 1	
Material	PBT; sensing face: PPE; clamp: PPS	
Displays / operating elements		
Display	Switching status	4 x LED, yellow
Accessories		
Items supplied	lock nuts: 2	
Remarks		
Pack quantity	1 pcs.	
Electrical connection - plug		
Connector: 1 x M12; coding: A		



Connection

