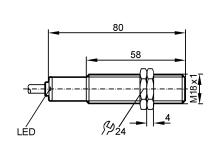
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Mechanical data



IG-2008ZABOA/SH Inductive sensors



(m) (E			
Draduat abaractariation			
Product characteristics Inductive sensor			
Plastic thread M18 x 1			
Cable			
Sensing range 8 mm; [nf] non-flush mountable			
Electrical data	i-iiusii iiic	our itable	
Electrical design	1	AC/DC	
Operating voltage	[V]	20250 AC/DC	
Protection class			
Reverse polarity protection		no	
Outputs			
Output function		normally open	
Voltage drop	[V]	< 6.5 AC / < 6 DC	
Minimum load current	[mA]	5	
Leakage current	[mA]	< 2.5 (250 V AC) / < 1.3 (110 V AC) / < 0.8 (24 V DC)	
Current rating			
- Current rating (continuous)	[mA]	250 AC / 100 DC; 350 AC (50 °C)	
- Current rating (peak)	[mA]	î: 2.2 A (20 ms / 0.5 Hz)	
Short-circuit proof		no	
Overload protection		no	
Switching frequency	[Hz]	25 AC / 50 DC	
Range			
Sensing range	[mm]	8	
Real sensing range (Sr)	[mm]	8 ± 10 %	
Operating distance	[mm]	06.5	
Accuracy / deviations			
Correction factors		mild steel = 1 / stainless steel approx. 0.7 / brass approx. 0.5 / Al approx. 0.4 / Cu	
	F0 / (0 1	approx. 0.3	
	[% of Sr]	115	
·	[% of Sr]	-1010	
Environment	[001	25 100	
Ambient temperature Protection	[°C]	-25100 IP 67	
Tests / approvals		IP 07	
EMC	I	EN 60947-5-2	
LIVIC		EN 55011: class B	
MTTF	[Years]	604	
1911 11	Licuis		

IG0390 - Inductive sensor - eclass: 27270101 / 27-27-01-01

Mounting	non-flush mountable		
Housing materials	PBT (Pocan)		
Weight	(kg) 0.124		
Displays / operating elements			
Output status indication I	ED yellow		
Electrical connection			
Connection	silicone cable / 2 m; 2 x 0.75 mm²		
Wiring			
Core colours			
BN brown			
BU blue	BNL1		
Note: miniature fuse to IEC60127-2 sheet 1, ≤ 2 A (fast acting)			
Accessories			
Accessories (included)	2 lock nuts		
Remarks			
Remarks	Recommendation: check the unit for reliable function after a short circuit.		
Pack quantity [pic	[ce] 1		
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