

Stainless steel

95B061051



IS-05-A1-S1
CONNECTOR FOR INCREMENTAL ONLY

OVERVIEW

TECHNICAL FEATURES

Detection properties

Nominal sensing distance	0,8mm
Operanting distance	0...0,65mm
Standard target	5x5mm FE360
Correction Factor	copper: 0,2...0,5 / aluminium: 0,3...0,5 / brass: 0,4...0,6 / staineis steel: 0,7...0,9
Repeat Accuracy	< 1% (UB 24V Ta=23°C ±5°C)
Hysteresis	< 15%

Application

Description	M5 standard flush mount
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Functions	Proximity
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Outputs	
Output type	PNP
Output Function	NO
Switching frequency	2kHz
Response time	0,25

Electrical data	
Operating Voltage	10...30Vdc
No-Load supply current	≤ 10mA
Load current	100mA
Output voltage drop	< 1,5V
Max ripple content	≤ 10%
LED indicators	Yellow LED output state
Short-circuit protection	Yes
Reverse Polarity Protection	Yes
Emission	≥100kHz
Protection against inductive loads	Yes

Mechanical data	
Dimensions	Ø5x40

Mounting	Shielded
Material	Stainless steel
Housing material	Stainless steel
Connections	M8 Plug
Active Head Material	POM
Tightening torque	1,5Nm
Diameter/Dimension	M5

Test/Approvals

Approvals	CE
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Accessories

Supplied Accessories	2 nuts M5x0.5
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Generical Data

Dimensions	Ø5 / L = 40mm
Operating Temperature	-25°C...+70°C
Mechanical Protection	IP69K

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