

# NAMUR

## 95B066760



IS-08-A20-S2  
METRIC WHEEL WITH HOLE Ø6

## OVERVIEW

## TECHNICAL FEATURES

### Detection properties

Nominal sensing distance	1mm
Operating distance	0...0,81mm
Standard target	8x8mm FE360
Correction Factor	copper: 0,2...0,5 / aluminium: 0,3...0,5 / brass: 0,4...0,6 / stainless steel: 0,7...0,9
Repeat Accuracy	< 3% (UB 24V Ta=23°C ±5°C)
Hysteresis	< 10%

### Application

Description	M8 NAMUR flush mount
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Functions	Proximity
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#### Outputs

Output type	NAMUR
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Output Function	NAMUR
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Switching frequency	2kHz
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Response time	0,25
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#### Electrical data

Operating Voltage	7,7...9Vdc
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No-Load supply current	< 1mA (target absent)
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Load current	< 3mA (target present)
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Max ripple content	≤ 10%
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Short-circuit protection	Yes
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Reverse Polarity Protection	Yes
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Emission	≥100kHz
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Protection against inductive loads	Yes
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#### Mechanical data

Mounting	Shielded
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Dimensions	Ø8x53
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Housing Material	Nickel-plated brass
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Connections	M12 Plug
Active Head Material	LCP
Tightening torque	2Nm
Material	Nickel-plated brass
Diameter/Dimension	M8

#### Test/Approvals

Approvals	CE cULus
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#### Accessories

Supplied Accessories	2 nuts M8x1
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#### Generical Data

Dimensions	Ø8 / L = 53mm
Operating Temperature	-25°C...+60°C
Mechanical Protection	IP67

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