



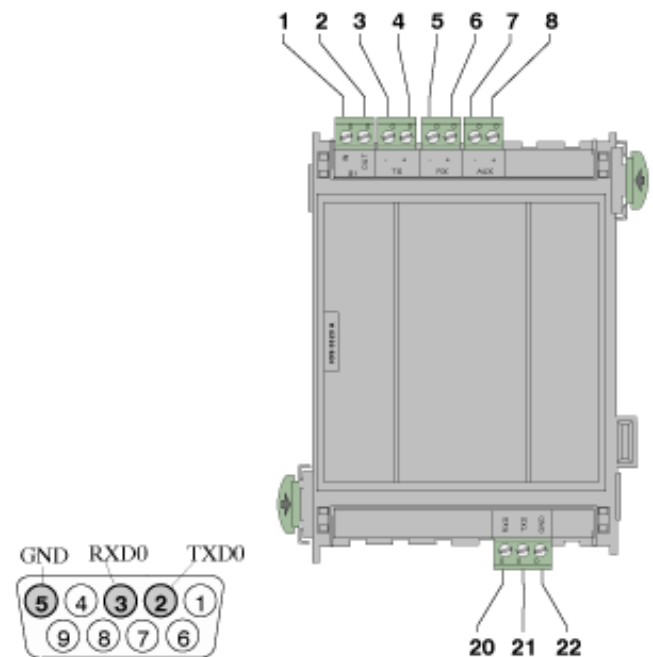
# IOS 0020 A 20 mA Communication module



The IOS 0020 A Communication module has the following interfaces:

- An S20 interface
- An RS232 interface
- An S1 interface.

## System Overview



Pos.	Description	Connector
1/2	S1 IN/OUT	S1 interface
3/4	TX -/+	20 mA interface
5/6	RX +/-	20 mA interface

Pos.	Description	Connector
7 / 8	AUX - / +	Power supply, +24 V DC/max. 1.3 A
20 / 21 / 22	RXD/TXD/GND	RS 232 interface

### Parts Included

Qty.	Components
1	IOS 0020 A 20 mA Communication module

### Technical Specifications

#### Electrical

Input voltage	20 VDC ... 30 VDC (min...max) 5 VDC ± 5%
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Max. current consumption	15 mA (at 24 VDC)
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Max. output current AUX	1.3 A at 24 VDC
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Max. cable length	
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- 20 mA interface 1000 m (3280 ft.)
- RS232 interface 3 m (10 ft.)

#### Mechanics

Housing material	ABS plastic, Polyac PA-766 (UL94 V-0)
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Housing color	Satin finish, anthracite, RAL 7016
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Dimensions	Approx. 127 x 96 x 60 mm (5.0 x 3.8 x 2.4 in.)
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Weight	
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- Without packaging Approx. 175 g (6.2 ounces)
- With packaging Approx. 350 g (12.4 ounces)

#### Environmental conditions

Permitted operating temperature	-5 °C ... 50 °C (23 °F ... 122 °F)
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Permitted storage temperature	-20 °C ... 60 °C (-4 °F ... 140 °F)
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Permitted relative humidity	95%, non-condensing
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Protective system compliant with IEC 60529	IP 30
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### Ordering Information

IOS 0020 A 20 mA Communication module

IOS 0020 A

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