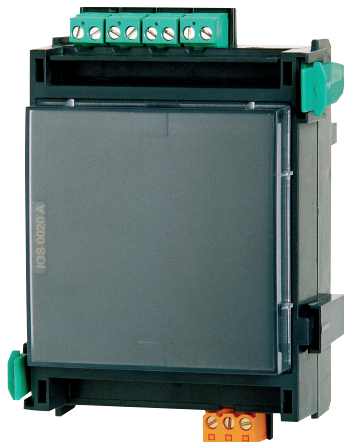


IOS 0020 A 20 mA Communication Module

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BOSCH
Invented for life



- ▶ Connection of peripherals with serial interface
- ▶ Plena connection via RS232
- ▶ Ready to go thanks to plug-and-play technology
- ▶ Pluggable terminal blocks

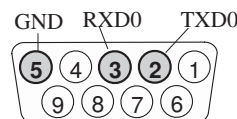
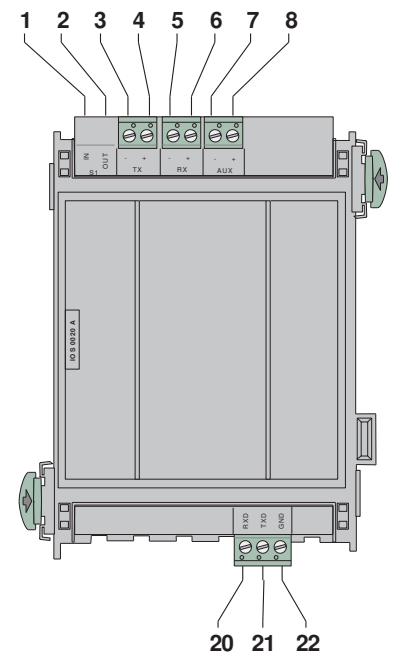
The IOS 0020 A Communication Module has the following interfaces:

- an S20 interfaces
- an RS232 interface

The voice alarm system Plena can be connected via RS232.

System overview

Pos.	Description	Connector
1 2	-	-
3 4	TX - +	20 mA interface
5 6	RX + -	20 mA interface
7 8	AUX - +	Power supply 24 V DC/max. 1.3 A
20 21 22	RXD TXD GND	RS232 interface



Parts included

Qty.	Components
1	IOS 0020 A 20 mA Communication Module

Technical specifications

Electrical

Input voltage	20 V DC to 30 V DC 5 V DC \pm 5%
Max. current consumption	15 mA (at 24 V DC)
Max. output current AUX	1.3 A at 24 V DC
Max. cable length	
• 20 mA interface	1000 m (3280 ft.)
• RS232 interface	3 m (10 ft.)

Mechanics

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

Environmental conditions

Permitted operating temperature	-5 °C to 50 °C (23 °F to 122 °F)
Permitted storage temperature	-20 °C to 60 °C (-4 °F to 140 °F)
Permitted relative humidity	95%, non-condensing
Protection class as per IEC 60529	IP 30

Ordering information

IOS 0020 A 20 mA Communication Module
provides one interface of each S20 and RS232
Order number **IOS 0020 A**

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