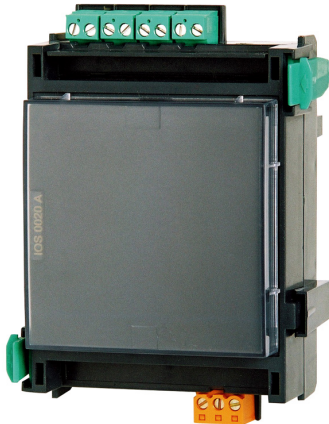




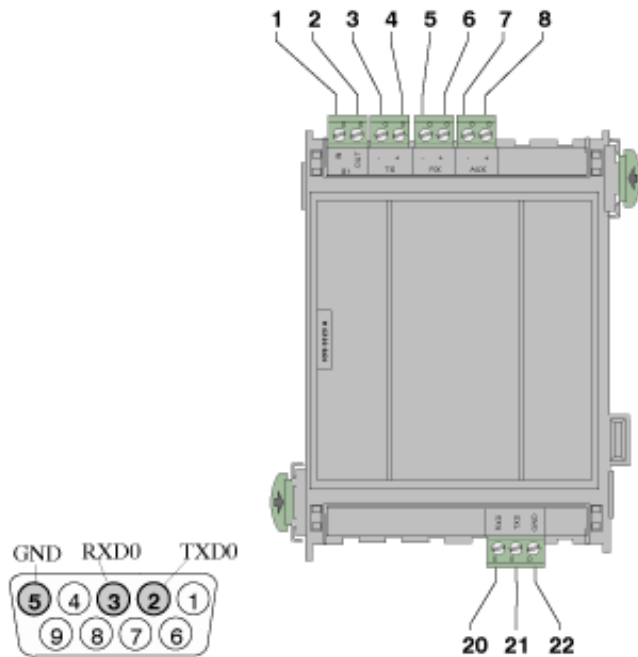
IOS 0020 A 20 mA Communication Module



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
7/8	AUX - / +	Power supply, +24 V DC/max. 1.3 A
20 / 21/22	RXD/TXD/GND	RS232 interface

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	<ul style="list-style-type: none"> 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)
Permitted storage temperature	-20 °C ... 60 °C (-4 °F ... 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 IOS 0020 A

Parts Included

Qty.	Components
1	IOS 0020 A 20 mA Communication Module

Technical Specifications

Electrical

Input voltage	20 V DC ... 30 V DC (min...max) 5 V DC ± 5%
Max. current consumption	15 mA (at 24 V DC)
Max. output current AUX	1.3 A at 24 V DC
Max. cable length	<ul style="list-style-type: none"> 20 mA interface: 1000 m (3280 ft.) RS232 interface: 3 m (10 ft.)

Europe, Middle East, Africa:
 Bosch Security Systems B.V.
 P.O. Box 80002
 5600 JB Eindhoven, The Netherlands
 Phone: + 31 40 2577 284
 Fax: +31 40 2577 330
 emea.securitysystems@bosch.com
 www.boschsecurity.com

Americas:
 Bosch Security Systems, Inc.
 130 Perinton Parkway
 Fairport, New York, 14450, USA
 Phone: +1 800 289 0096
 Fax: +1 585 223 9180
 security.sales@us.bosch.com
 www.boschsecurity.us

Asia-Pacific:
 Bosch Security Systems Pte Ltd
 38C Jalan Pemimpin
 Singapore 577180
 Phone: +65 6319 3450
 Fax: +65 6319 3499
 apr.securitysystems@bosch.com
 www.boschsecurity.com

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