

Product No: 227600

STAHL 9185/12-45-10S FIELDBUS ISOLATING REPEATER IS PAC 227600

FEATURES

- Fieldbus Isolating Repeater ISpac
- Fixed transmission speed or automatic detection > 9.6 kbit/s (Profibus DP: 1.2 kbit/s 1.5 Mbit/s)
- Field side interfaces: RS 422 Ex i, RS 485 Ex i
- Auxiliary power: 24 V AC / DC
- Operating temperature range: -20 °C to +70 °C
- IP rating: IP30
- Suitable for use in Zone 2, Div. 2 and safe areas
- Front-end parameterization for easy setup
- Bit refresh function for improved signal quality



General Information

Brand	STAHL
Product Type	Repeater
Series	9185/12

Technical Attributes

Application	Ex interface zone - 0, 1, 2, 20, 21, 22
Communication Interface	RS 485 / RS 422 (switchable)
Communication Protocols	MODBUS
Connection Type	Sub-D socket X3, 9-pole (Interface field area)
Maximum Voltage (V)	RS485IS - ± 5.88
No. of Serial Ports	1
Nominal Output Current (A)	0.08
Nominal Power (W)	1.6
Power Consumption (W)	1.6
Protocol Type	HART, Modbus, PROFIBUS DP, ServiceBus R.STAHL (IS1)
Rated Maximum Operational Voltage AC (V)	24
Rated Maximum Operational Voltage DC (V)	24
Rated Operational Current (A)	0.066

Rated Operational Voltage AC/DC (V)	Auxiliary - 24
Transmission Rate	Interface - 1.2 kbit/s - 1.5 Mbit/s

Physical Attributes

Ambient Temperature Range (°C)	-20 to +70
DIN Rail Width (mm)	35
Enclosure Material	Polyamide
LED Colour	Green - "RxD2"
Maximum Temperature (°C)	70
Minimum Temperature (°C)	-20
Mounting Type	DIN Rail

Dimensions

Cable Cross Section (mm ²)	0.2 - 2.5
Dimensions (mm)	35.2W x 114.5H x 108D

Protection & Standards

Certifications	IECEX, ATEX, Fmus, cFM
Degree of Protection	IP30
Standards and Approvals	ATEX/IECeX

Resources

Product catalogue (Flipbook)	Download from here
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