

Fieldbus Gateway

RS-232 to PROFIBUS DP

ZAG73AN02

Part Number



- Gateway from RS-232 interfaces on PROFIBUS DP
- Protection mode IP65
- Voltage supply of external units (5 V DC) via the gateway

PROFIBUS

Technical Data

Electrical Data

Supply Voltage	15...30 V DC
Voltage Supply of external products	5 V
Current Consumption Sensor (U _b = 5 V)	< 1 A
Temperature Range	-10...50 °C
Short Circuit Protection	yes
Reverse Polarity Protection	yes
Interface	RS-232
Baud Rate PROFIBUS	< 12 MBd
Baud Rate RS-232	< 115200 Bd
Number of Bus Clients	126
Protection Class	III

Mechanical Data

Material	Plastic
Degree of Protection	IP65
Connection Mode Supply Voltage	M12 × 1; 4-pin
Connection Mode Scanner	SubD 9 S
Connection Bus Side	M12 × 1; 4-pin

PROFIBUS DP

Connection Diagram No.

708

Suitable Connection Equipment No.

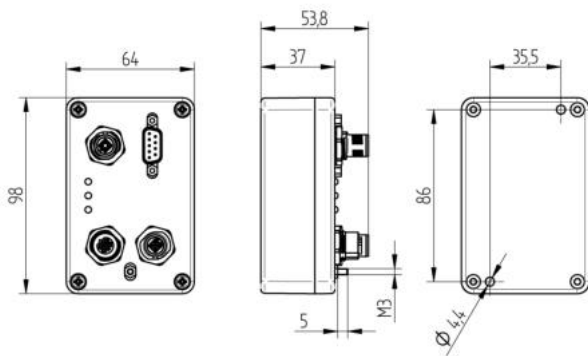
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These fieldbus gateways allow an easy connection of sensors and scanners to PROFIBUS DP.

Complementary Products

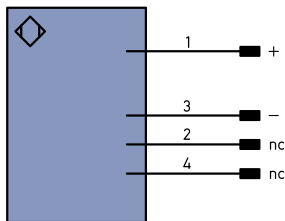
Interface Cable FISZ-RS23207

Interface Cable S232W3



All dimensions in mm (1 mm = 0.03937 Inch)

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Legend

+	Supply Voltage +
-	Supply Voltage 0 V
~	Supply Voltage (AC Voltage)
A	Switching Output (NO)
$\bar{A}$	Switching Output (NC)
V	Contamination/Error Output (NO)
$\bar{V}$	Contamination/Error Output (NC)
E	Input (analog or digital)
T	Teach Input
Z	Time Delay (activation)
S	Shielding
RxD	Interface Receive Path
TxD	Interface Send Path
RDY	Ready
GND	Ground
CL	Clock
E/A	Output/Input programmable
	IO-Link
PoE	Power over Ethernet
IN	Safety Input
OSSD	Safety Output
Signal	Signal Output
BL_D+/-	Ethernet Gigabit bidirect. data line (A-D)
EN0-PS42	Encoder 0-pulse 0-0 (TTL)

PT	Platinum measuring resistor
nc	not connected
U	Test Input
$\bar{U}$	Test Input inverted
W	Trigger Input
W-	Ground for the Trigger Input
O	Analog Output
O-	Ground for the Analog Output
BZ	Block Discharge
AWV	Valve Output
a	Valve Control Output +
b	Valve Control Output 0 V
SY	Synchronization
SY-	Ground for the Synchronization
E+	Receiver-Line
S+	Emitter-Line
$\pm$	Grounding
S _n R	Switching Distance Reduction
Rx+/-	Ethernet Receive Path
Tx+/-	Ethernet Send Path
Bus	Interfaces-Bus A(+)/B(-)
L _a	Emitted Light disengageable
Mag	Magnet activation
RES	Input confirmation
EDM	Contacting Monitoring

ENAR5422	Encoder A/ $\bar{A}$ (TTL)
ENBPS422	Encoder B/ $\bar{B}$ (TTL)
EN _A	Encoder A
EN _B	Encoder B
A _{MIN}	Digital output MIN
A _{MAX}	Digital output MAX
A _{OK}	Digital output OK
SY _{in}	Synchronization In
SY _{OUT}	Synchronization OUT
OL _T	Brightness output
M	Maintenance
rsv	reserved
Wire Colors according to DIN IEC 757	
BK	Black
BN	Brown
RD	Red
OG	Orange
YE	Yellow
GN	Green
BU	Blue
VT	Violet
GY	Grey
WH	White
PK	Pink
GNYE	Green/Yellow

