

# 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

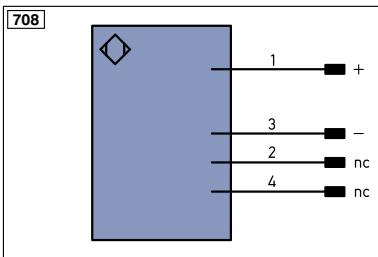
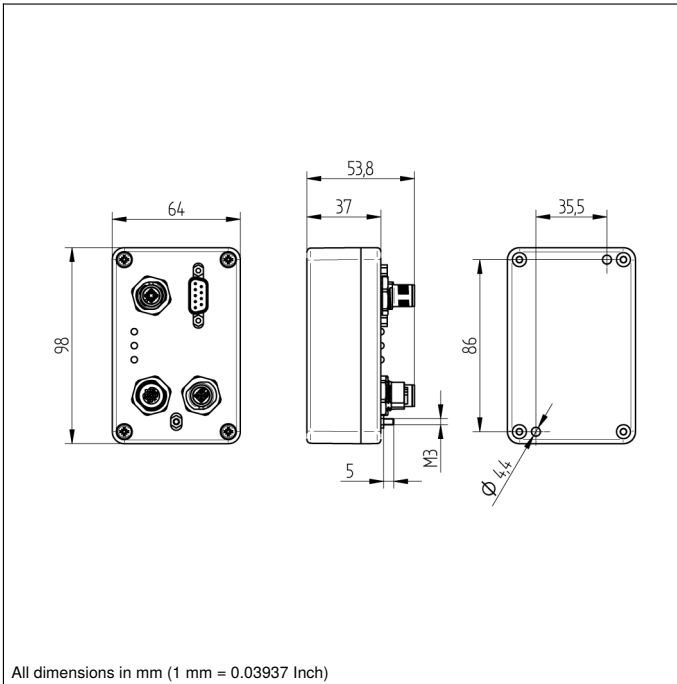
### Technical Data


Electrical Data	
Supply Voltage	15...30 V DC
Voltage Supply of external products	5 V
Current Consumption Sensor (U <sub>b</sub> = 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 Technology No.	2

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

### Complementary Products

Interface Cable FISZ-RS23207  
Interface Cable S232W3



Legend		Legend		Legend	
+	Supply Voltage +	PT	Platinum measuring resistor	ENa	Encoder A
-	Supply Voltage 0 V	nc	not connected	ENb	Encoder B
~	Supply Voltage (AC Voltage)	U	Test Input	AMIN	Digital output MIN
A	Switching Output (NO)	U	Test Input inverted	AMAX	Digital output MAX
Ā	Switching Output (NC)	W	Trigger Input	AOK	Digital output OK
V	Contamination/Error Output (NO)	O	Analog Output	SY In	Synchronization In
ṽ	Contamination/Error Output (NC)	O-	Ground for the Analog Output	SY OUT	Synchronization OUT
E	Input (analog or digital)	BZ	Block Discharge	OUT	Brightness output
T	Teach Input	AW	Valve Output	M	Maintenance
Z	Time Delay (activation)	a	Valve Control Output +		
S	Shielding	b	Valve Control Output 0 V		
RxD	Interface Receive Path	SY	Synchronization		
TxD	Interface Send Path	E+	Receiver-Line		
RDY	Ready	S+	Emitter-Line		
GND	Ground	±	Grounding		
CL	Clock	SnR	Switching Distance Reduction		
E/A	Output/Input programmable	Rx+/-	Ethernet Receive Path		
	IO-Link	Tx+/-	Ethernet Send Path		
PoE	Power over Ethernet	Bus	Interfaces-Bus A(+)/B(-)		
IN	Safety Input	La	Emitted Light disengageable		
OSSD	Safety Output	Mag	Magnet activation		
Signal	Signal Output	RES	Input confirmation		
Bl..D+/-	Ethernet Gigabit bidirect. data line (A-D)	EDM	Contactorm Monitoring		
EN0..RS422	Encoder 0-pulse 0-0 (TTL)	ENAR5422	Encoder A/Ā (TTL)		
		ENBR5422	Encoder B/B̄ (TTL)		

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

