Technical data sheet
Fieldbus gateway
Part no.: 50132995
MSI-FB-PROFIBUS

For Illustration purposes only

Contents

- Technical data
- Dimensioned drawings
- Electrical connection
- Circuit diagrams
- Notes

Technical data

Leuze

Basic data

Series	MSI-FB
Type	Fieldbus gateway
Application	Transfer of MSI 400 diagnostic data via PROFIBUS

Functions

Functions	Fieldbus module for the MSI 400 for connecting to PROFIBUS

Electrical data

Performance data

Supply voltage U_B	24 V, DC, -20 ... 25 %

Output circuit

Interface

Type	Internal bus (SBUS+), PROFIBUS DP

PROFIBUS DP

Function	Process
Classification	V0

Connection

Number of connections	1 Piece(s)

Connection 1

Function	BUS IN
	BUS OUT
Type of connection	Sub-D
Type	Female
No. of pins	9 -pin

Mechanical data

Dimension (W x H x L)	22.5 mm x 96.5 mm x 126.5 mm
Net weight	160 g
Housing color	Gray
Type of fastening	Snap-on mounting

Environmental data

Ambient temperature, operation	-25 ... 55 °C
Ambient temperature, storage	-25 ... 70 °C
Relative humidity (non-condensing)	10 ... 95 %

Certifications

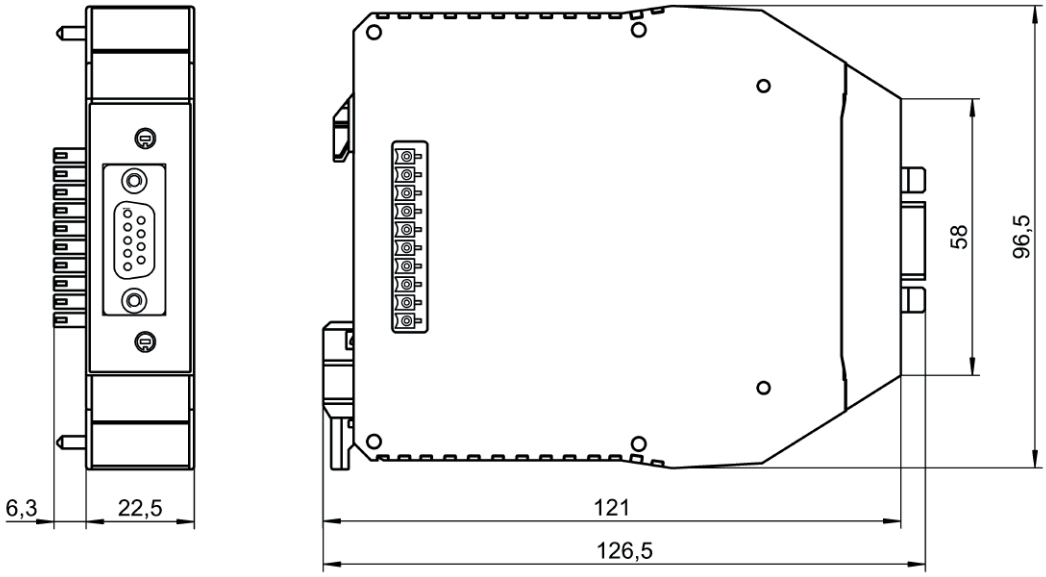
Degree of protection	IP 20
Certifications	c UL US
Vibration resistance	5 ... 150 Hz
Test procedure for oscillation in accordance with standard	EN 60068-2-6
Shock resistance, single shock	30 g, 11 ms, EN 60068-2-27
Shock resistance, continuous shock	10 g, 16 ms, EN 60068-2-29

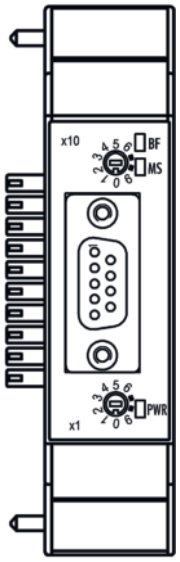
Classification

Customs tariff number	85364900
ECLASS 5.1.4	27242208
ECLASS 8.0	27242208
ECLASS 9.0	27242208
ECLASS 10.0	27242208
ECLASS 11.0	27242208
ECLASS 12.0	27242208
ECLASS 13.0	27242208
ETIM 5.0	EC001423
ETIM 6.0	EC001423
ETIM 7.0	EC001423
ETIM 8.0	EC001423
ETIM 9.0	EC001423

Dimensioned drawings

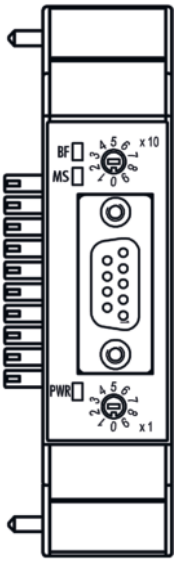
All dimensions in millimeters





≥ A-08 new

Dimensioned drawings



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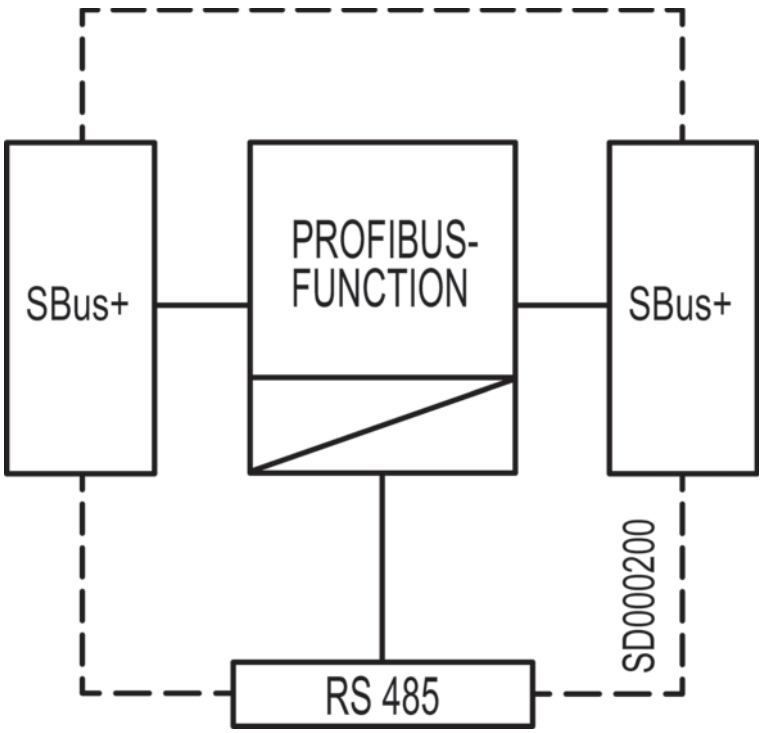
Electrical connection

Connection 1

Function	BUS IN
	BUS OUT
Type of connection	Sub-D
Type	Female
No. of pins	9 -pin

Pin	Pin assignment
1	n.c.
2	n.c.
3	RxD/TxD-P
4	CNTR-P
5	GND-EXT
6	5 V-EXT
7	n.c.
8	RxD/TxD-N
9	CNTR-N (GND-EXT)

Circuit diagrams



Notes

	Observe intended use!
	↳ The product may only be put into operation by competent persons. ↳ Only use the product in accordance with its intended use.