

Technical data sheet

Connection unit

Part no.: 50107684

MS 37 103

Contents

- Technical data
- Electrical connection
- Operation and display



Figure can vary

Technical data

Basic data

Suitable for	BPS 37
Suitable for interface	SSI

Electrical data

Protective circuit	Short circuit protected
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Performance data

Supply voltage U_B	DC
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Connection

Number of connections	3 Piece(s)
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Connection 1

Function	Service interface
Type of connection	Connector
Thread size	M12
Type	Female
Material	Metal
No. of pins	5 -pin
Encoding	A-coded

Connection 2

Function	Data interface
Type of connection	Connector
Designation on device	HOST / BUS IN
Thread size	M12
Type	Male
Material	Metal
No. of pins	5 -pin
Encoding	B-coded

Connection 3

Function	Voltage supply
Type of connection	Connector
Designation on device	PWR
Thread size	M12
Type	Male
Material	Metal
No. of pins	5 -pin
Encoding	A-coded

Mechanical data

Design	Cubic
Dimension (W x H x L)	90 mm x 38 mm x 39 mm
Housing material	Metal
Net weight	160 g
Housing color	Black
Type of fastening	Dovetail grooves

Operation and display

Type of display	LED
Number of LEDs	1 Piece(s)

Environmental data

Ambient temperature, operation	-30 ... 50 °C
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Certifications

Degree of protection	IP 65
Certifications	UL

Classification

Customs tariff number	84733080
eCl@ss 5.1.4	27280190
eCl@ss 8.0	27280190
eCl@ss 9.0	27279090
eCl@ss 10.0	27280192
eCl@ss 11.0	27280191
ETIM 5.0	EC002498
ETIM 6.0	EC003015
ETIM 7.0	EC003015

Electrical connection

Connection 1

Function	Service interface
Type of connection	Connector
Thread size	M12
Type	Female
Material	Metal
No. of pins	5 -pin
Encoding	A-coded

SERVICE

Electrical connection

Pin Pin assignment

1	NC
2	TXD
3	GND
4	RxD
5	/Serv

Connection 2

HOST / BUS IN

Function	Data interface
Type of connection	Connector
Thread size	M12
Type	Male
Material	Metal
No. of pins	5 -pin
Encoding	B-coded

Pin Pin assignment

1	DATA+
2	DATA-
3	CLK+
4	CLK-
5	FE

Connection 3

PWR

Function	Voltage supply
Type of connection	Connector
Thread size	M12
Type	Male
Material	Metal
No. of pins	5 -pin
Encoding	A-coded

Pin Pin assignment

1	VIN
2	SW OUT
3	GND
4	SW IN
5	FE

Operation and display

LED	Display	Meaning
1	Green, continuous light	Operational readiness
	Orange, continuous light	Switching output/switching state
	Red, continuous light	Device error