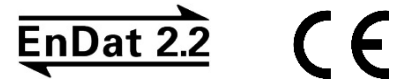


CAN Gateway for up to 4x EnDat 2.2 encoders

- CANopen interface
- Compact and robust design
- IP 65 ingress protection
- Incl. protection caps for M12 connectors



### Fieldbus configuration

Type	CANopen
Supported profile	DS 406
Baud rate	Automatic transfer rate detection or fixed rate setting, max. 1 Mbit/s
Node address	Adjustable via switch, Node address range 1 - 127
Cable length, max.	500 m at 125 kbit/s
Terminating resistor	Integrated switch inside the gateway
Configuration file	EDS file available for fieldbus configuration

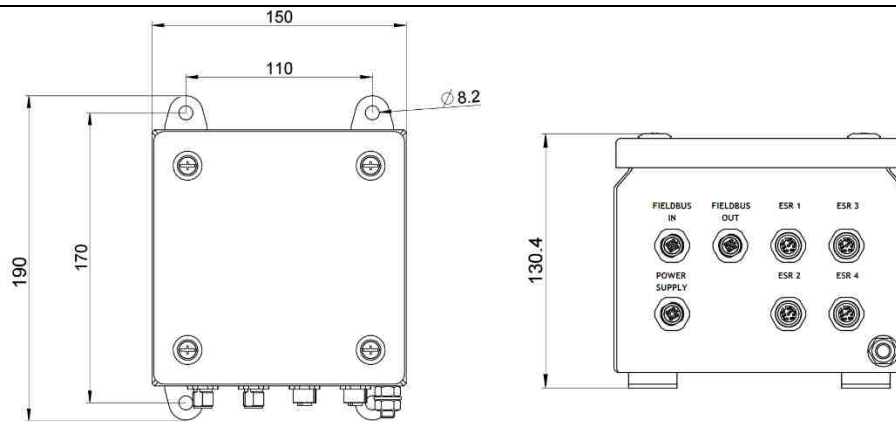
### Electrical data

Power supply	24 VDC $\pm$ 15 %
Polarity protected	Yes
Current consumption	500 mA (at 24 VDC)
Encoder interface	EnDat 2.2
Cable length, max.	10 m
Supported sensors	ESR series

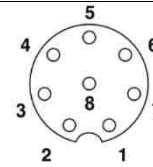
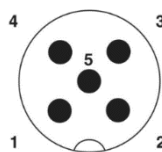
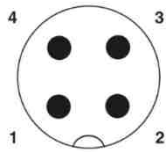
### Mechanical data

Operating temperature	-25 °C...+50 °C
Ingress protection class [IEC60529]	IP 65
Vibration [IEC 60068-2-6]	10 m/s <sup>2</sup> (10...2000 Hz)
Shock [IEC 60068-2-27]	100 m/s <sup>2</sup>
Cover material	Powder-coated sheet steel
Weight	2.2 kg

## Dimensions



## Pin Configuration



### Power Supply

Connector type	4pM12
	Male, A-coded
Function	Pin
+24 VDC (source A)	1
+24 VDC (source B)	2
GND (source A)	3
GND (source B)	4

### Fieldbus IN/OUT

Connector type	5pM12
	Male, A-coded
Function	Pin
CAN_Shield	1
-	2
CAN_GND	3
CAN_H	4
CAN_L	5

### ESR 1 to 4

Connector type	8pM12
	Female, A-coded
Function	Pin
0V Sense	1
+E V Sense	2
Data	3
Data inverted	4
0 Volt	5
Clock inverted	6
Clock	7
+E Volt	8

## Ordering information

(to ensure proper function at clock frequencies above 2 MHz, use only original HEIDENHAIN cables)

Part number	1202651-01
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## Accessories

(PUR connecting cable PUR Ø 6 mm; [(4×0.4 mm<sup>2</sup>) + (4×0.34 mm<sup>2</sup>)]; A<sub>p</sub> = 0.34 mm<sup>2</sup>)

Cable, M12 connector (female) + M12 connector (male)	368330-xx	(for direct connection of ESR to the VRG)
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