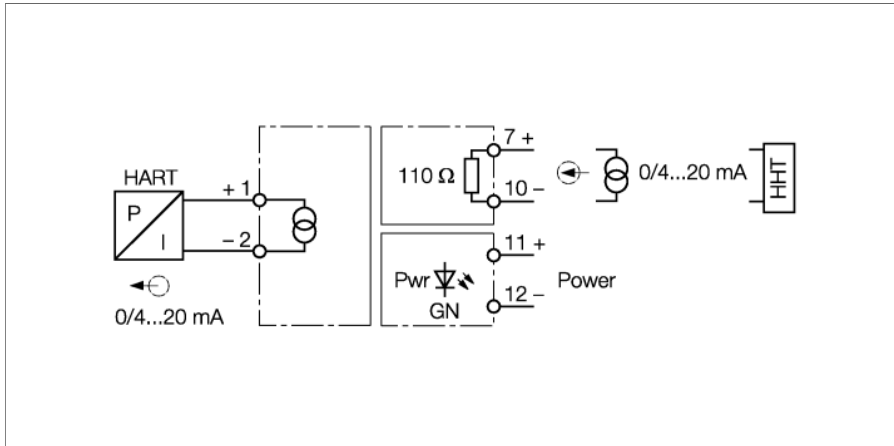


Analog Signal Isolator 1-channel IM35-11-HI/24VDC



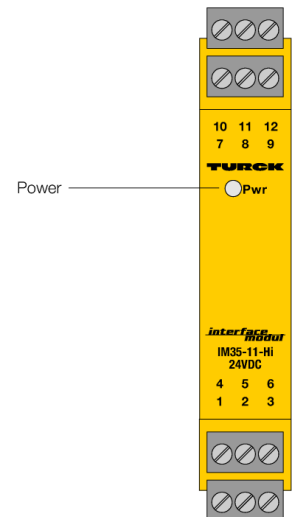
The 1-channel IM35-11-HI/24VDC signal isolator is designed to transmit the normalized current signal galvanically isolated 1:1. In addition to the analog signal also digital HART® communication signals can be transmitted bidirectionally.

Typical applications are for example, the control of I/P converters (e.g. at control valves) or indicators.

The actuators are connected to the output terminals 1/2. Handheld terminals [HHT] can be connected to the output and input terminals 7/10.

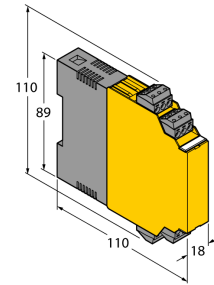
Test sockets (Ø 2 mm) on the removable terminal blocks are used for signal control.

- Output isolator
- Removable terminal blocks, screwable, with 2 mm test box
- Complete galvanic isolation
- Input reverse-polarity protected
- TR CU



Dimensions

Type	IM35-11-HI/24VDC
ID	7506519
Nominal voltage	24 VDC
Operating voltage U_s	19...29 VDC
Power consumption	$\leq 2.2 \text{ W}$
Input current	0/4...20 mA
Input resistance (current)	$\leq 110 \Omega$
Output circuits	
Output current	0/4...20 mA
Load resistance current output	$\leq 0.6 \text{ k}\Omega$
Response characteristic	
Rise time (10...90 %)	$\leq 90 \text{ ms}$
Fall time (90...10 %)	$\leq 90 \text{ ms}$
Measuring accuracy (including linearity, hysteresis and repeatability)	$\leq 0.1 \text{ % of full scale}$
Reference temperature	23 °C
Temperature drift	$\leq 0.005 \text{ % of full scale/K}$
Galvanic isolation	
Test voltage	2.5 kV RMS
Displays/Operating elements	
Operational readiness	Green
Mechanical data	
Protection class	IP20
Flammability class acc. to UL 94	V-0
Ambient temperature	-25...+70 °C
Storage temperature	-40...+80 °C
Dimensions	110 x 18 x 110 mm
Weight	131 g
Mounting instructions	DIN rail (NS35) or panel
Housing material	Plastic, Polycarbonate/ABS
Electrical connection	4 x 3-pin removable terminal blocks with test socket, reverse polarity protected, screw terminal
Terminal cross-section	1 x 2.5 mm ² /2 x 1.5 mm ²
Tightening torque	0.5 Nm



Accessories

Type code	Ident-No.		Dimension drawing
IM-CC-3X2BK/2BK	7541218	Cage clamp terminals for IM modules (Ex-devices with 18 mm overall width); includes: 4 pcs. of 3-pin black terminals	