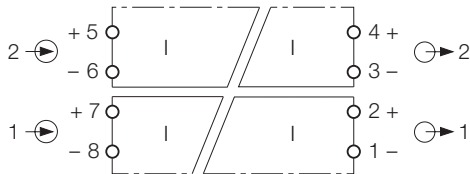


analogue signal transmitters

2-channel

IMS-AI-DLi-22-DLi/L



Standard, isolated active voltage signals are galvanically isolated and transmitted via the 2-channel analog data transmitter IMS-AI-DLi-22-DLi/L.

The device features two input circuits 0/4...20 V mA and two short-circuit protected output circuits 0/4...20mA. Input circuits and output circuits are galvanically isolated. Moreover, each input circuit and each output circuit is galvanically isolated.

The device is loop powered, transmission starts with 250 μ A. Required minimum voltage 2.8 V + (20 mA \times R_{load}).

The input signals are transmitted 1:1 to the output.

The device is loop-powered. Separate power supply is not necessary.



- analogue signal transmitters
- 6.2 mm width
- 2-channel analogue signal transmitter
- Input circuit 0/4...20mA
- Output signal 0/4...20mA
- Linearity <0,1% of full scale
- Accuracy <0,1% of full scale
- Loop-powered
- Galvanic isolation between input circuits and output circuits

analogue signal transmitters

2-channel

IMS-AI-DLi-22-DLi/L

TURCK
works

Industrial
Automation

Type	IMS-AI-DLi-22-DLi/L
Ident-No.	7504011
Nominal voltage	Loop-powered
Power consumption	≤ 0.312 W
Residual ripple	≤ 5 mV _{ss}
Voltage input	max. 29 VDC
Current input	
Current input	0/4...20 mA
Input resistance	100 Ω
Output current	0/4...20 mA
Load resistance current output	≤ 0.4 kΩ
Limit frequency	< 30 Hz
Rise time (10-90%)	10 ms
Dropout time (90...10%)	10 ms
Measuring accuracy	≤ 0.1 % of full scale
Linearity deviation	≤ 0.1 % of full scale
Temperature drift	≤ 0.00015 % / K
Test voltage	1.5 kV
Constant voltage supply	50 V

Mechanical Data	
Degree of protection	IP20
Ambient temperature	-20 ... + 60 °C
Housing length	92.5 mm
Housing width	6.2 mm
Housing height	90 mm
Weight	60 g
Mounting instruction	mounting on a DIN rail
Housing material	polycarbonate/ABS
Electrical connection	screw terminals
Terminal cross-section	2.5 mm ²

Dimensions

