



# TURCK

## Industrielle Automation

### IMS – *interfacemodul* SMALL

INTERFACE TECHNOLOGY  
IN A 6.2 MM HOUSING

Galvanic isolation, signal conditioning and temperature measurement - These are features provided by the new product series *interfacemodul small*. Measuring only 6.2 mm, the DIN rail mountable devices fit almost anywhere. They are available as single or dual-channel analog signal isolators and as single-channel temperature measuring amplifiers for Pt100 resistors.

Input, output and voltage supply of the 24 VDC powered modules are securely separated from each other up to 1.5 kV.



The devices are variously usable, as they can be adjusted to different signal levels via DIP switch. The accuracy of the devices is specified with 0.1 % of full scale.



← 6.2 mm →

***Sense it! Connect it! Bus it! Solve it!***

## IMS – *interfacemodul small* – Interface technology in a compact 6.2 mm housing

Industrielle  
Automation

In addition to a dual-channel **analog signal isolator** for simple separation, the product series also comprises a single-channel analog signal isolator to condition signals (dead-zero/live-zero). The input and output signal (0/4...20 mA or 0...10 V) are adjusted via DIP switch.

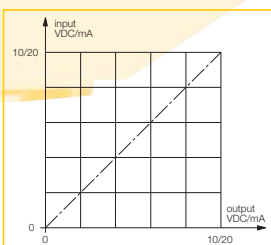
The series also comprises a single-channel version for **temperature measurement**, allowing you to connect Pt100 probes in 2, 3 or 4-wire technology. You can also adjust the measuring range (-50...+150, 0 ...+100 or 0...+200 °C) and the output signal (0/4...20 mA or 0...10 V) via DIP switch.



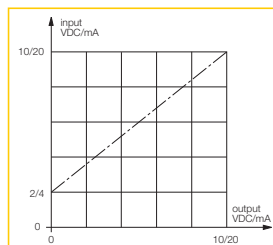
Switch On	S1
Output	0-10V
	0-20mA
	4-20mA
	0-10V
	0-20mA
	4-20mA
	0-10V
	0-20mA
	4-20mA

Type code	Input signal	Output signal	Function	Power supply
IMS-Ai-UNI/24VDC	10...10 V, 0...20 mA, 4...20 mA	0...10 V, 0...20 mA, 4...20 mA	analog signal isolator, single channel	24 VDC
IMS-Ai-DLi-22- DLi/L	0...20 mA	0...20 mA	analog signal isolator, dual channel	loop-powered
IMS-Ti- PT100/24VDC	Pt100	0...10 V, 0...20 mA, 4...20 mA	temperature measuring amplifier	24 VDC

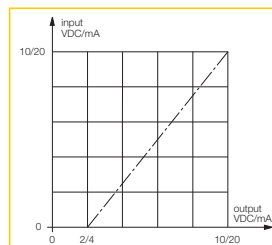
no signal conditioning



live-zero to dead-zero



dead-zero to live-zero



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Hans Turck GmbH & Co. KG  
Witzlebenstraße 7  
45472 Mülheim an der Ruhr  
Germany  
Tel. +49 (0) 208 4952-0  
Fax +49 (0) 208 4952-264  
E-Mail [more@turck.com](mailto:more@turck.com)  
Internet [www.turck.com](http://www.turck.com)