

IMS – INTERFACEMODUL SMALL



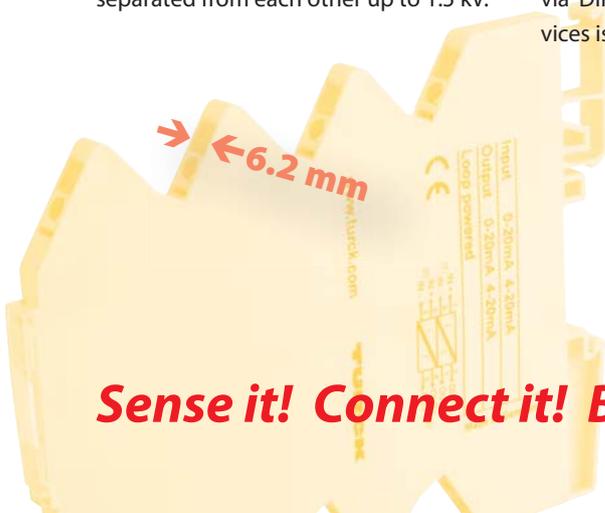
Interface technology in a 6.2 mm housing

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.



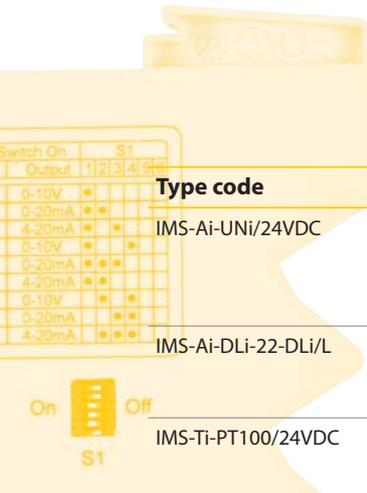
Sense it! Connect it! Bus it! Solve it!

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Industrial 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.



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Type code	Input	Output	Function	Power supply
IMS-Ai-UNI/24VDC	0...10 V, 0...20 mA, 4...20 mA	0...10 V, 0...20 mA, 4...20 mA	analog signal isolator with signal conditioning, 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

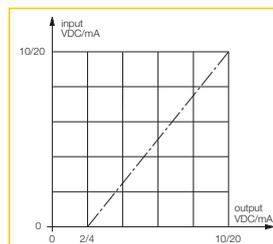
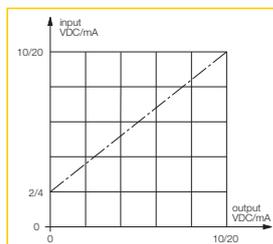
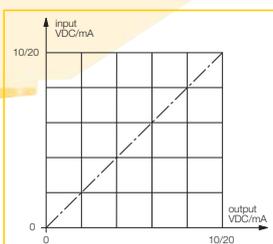


To get all product information, just scan the QR code with a smart-phone or webcam

no signal conditioning

live-zero to dead-zero

dead-zero to live-zero



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