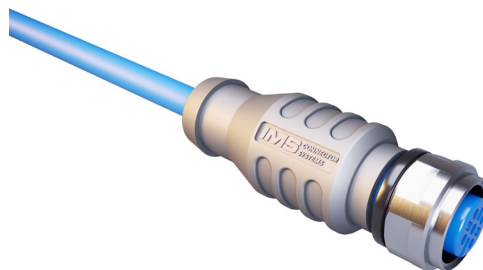




SMARTMOD

Your connector can do more

- » Measurement of functions such as temperature, humidity, air pressure, voltage, current, power
- » One module for jack and plug
- » Wireless communication to smartphone or tablet
- » Suitable for different industrial standard connectors



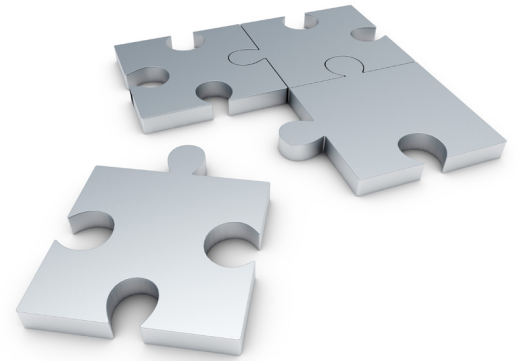
SMARTMOD

Adding functions to your standard

SmartMod enables continuous measurement of functions such as temperature, humidity, air pressure, voltage, current and power. In combination with a smartphone or tablet, it is ideal for service and error search, right up to predictive maintenance of the connected devices and machines. Smart also makes the connector suitable for networking into existing control systems.

The SmartMod is based on the industry standard connector and is installed exactly where it is needed. When working at measuring points that are far away from each other, it makes the application much easier - thanks to the wireless connection to the smartphone or tablet and a range of 40m indoor and 100m outdoor. The measured values of several connectors are sent as a signal to the app installed on the smartphone or tablet and could be read out and evaluated easily and flexible.

Depending on your requirements, we adapt the SmartMod perfectly to your applications and interfaces and integrate additional functions into your connector or assemble the module in your connector in our facilities.



Product features

- » Continuously measurement of temperature, humidity and air pressure
- » Continuously measurement of voltage, current, power and temperature
- » Adjusted to M12, further adjustments to industry standard connectors possible
- » Wireless communication with smartphone or tablet possible with a range of 40m indoor and 100m outdoor
- » Individual functions possible
- » One module for jack and plug



CHARACTERISTICS

Version temperature, humidity and air pressure

- » Bluetooth Low Energy 5.0
- » Wide supply voltage range: 4-36 V
- » Absolute air pressure range: 300-1100 mbar
- » Absolute humidity accuracy: 5-95%
- » Operating temperature range: -40°C up to +85°C
- » Transmit range: indoor 40m
outdoor 100m

Version voltage, current, power and temperature

- » Bluetooth Low Energy 5.0
- » Wide supply voltage range: 4-36 V
- » High current capability: ± 15 A
- » Low current sense resistance: 2m Ω
- » Low power consumption
- » Operating temperature range: -40°C up to +85°C
- » Transmit range: indoor 40m
outdoor 100m
- » IP67 watertight solution and IP69K

Applications

- » Robotics
- » Retrofit of plants and machines
- » Factory automation
- » Mobile machinery
- » Storage and transportation logistics
- » Basically moving energy and data transmission





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