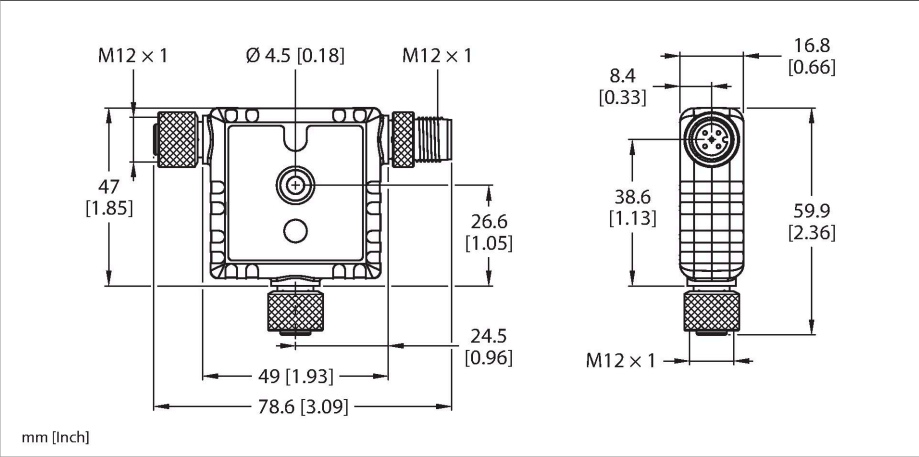


R45C-MUU-UUQ  
Converter – Modbus to Analog  
Dual Voltage Input/Output



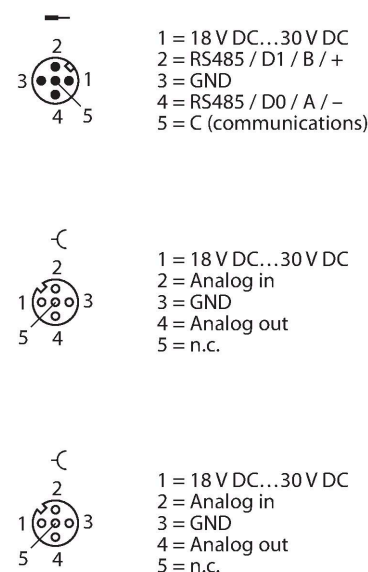
Technical data

Type	R45C-MUU-UUQ
ID	3814534
Wireless data	
Device type	Converter
I/O data	
Number of channels	2
Input type	0...10 V
Number of channels	2
Output type	Modbus RTU (RS485)
Communication protocol	Modbus RTU
Electrical data	
runs with battery	nein
Mechanical data	
Design	Rectangular, R45C
Housing material	Plastic, PVC, Black
Electrical connection	Connector, M12 x 1
Antenna connection	No radio participant
Ambient temperature	-40...+70 °C
Protection class	IP67 IP68
Tests/approvals	
Vibration resistance	Acc. to IEC 60068-2-6 requirements (vibration: 10 Hz to 55 Hz, 1.0 mm amplitude, 5 minutes sweep, 30 minutes dwell)
Approvals	CE UKCA cULus

Features

- Protection classes IP67, IP68
- Flat, compact housing
- In-line mounting
- Operating voltage: 18...30 VDC
- Input: 2 x analog, 0...10 V
- Output: 2 x 0...10 V
- RS485 interface, Modbus RTU
- Converts the voltage signal into 16-bit register data

Wiring diagram



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## Functional principle

Sensors with digital or analog outputs and a serial interface can now be used to communicate via IO-Link and Modbus RTU to provide the data required for predictive maintenance and operational optimization. Components in the Snap Signal product series help to make the data from field devices accessible in the desired format. The S15C and R45C are suitable for in-line mounting and convert a large number of signals into IO-Link process data or Modbus registers. IO hubs and IO-Link masters in the R90C and R95C product series round off the range. All components meet industry standards in terms of protection class, connection and durability. They are easy to integrate into existing systems and the DXM network controller facilitates transferring the data to the control system or the cloud.