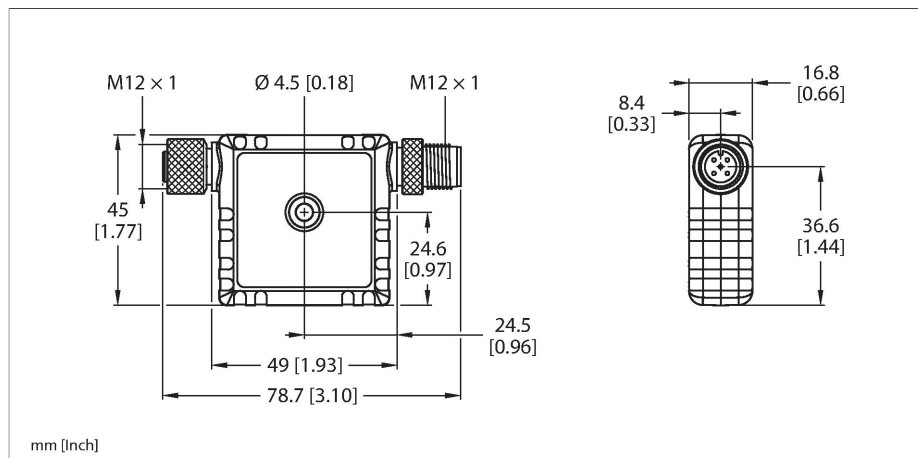


R45C-K-IQ

IO-Link to analog current converter



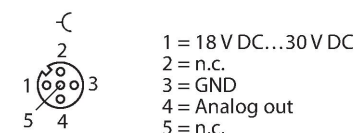
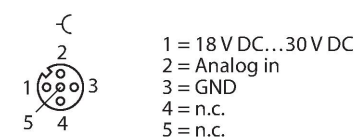
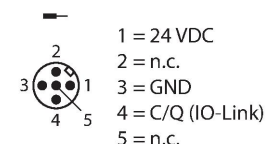
Technical data

Type	R45C-K-IQ
ID	3812257
Wireless data	
Device type	Converter
I/O data	
Communication protocol	IO-Link
Electrical data	
Runs with battery	No
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: IO-Link
- Output: Analog current 4...20 mA
- Converts the current signal into 16-bit process data

Wiring diagram



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.