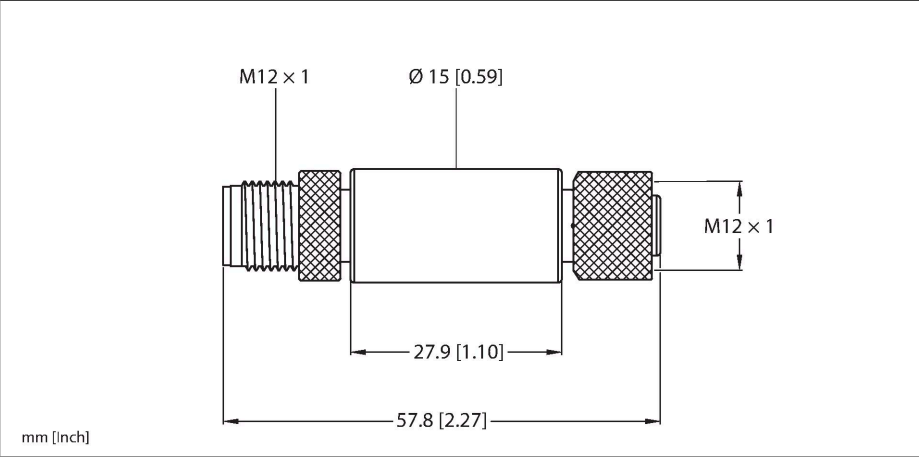


# S15C-RTD-MQ

## Converter – Thermistor to Modbus



### Technical data

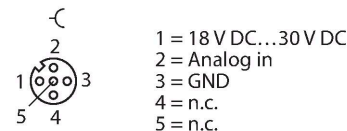
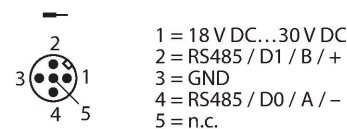
|                        |                          |
|------------------------|--------------------------|
| Type                   | S15C-RTD-MQ              |
| ID                     | 3812241                  |
| Wireless data          |                          |
| Device type            | Converter                |
| I/O data               |                          |
| Input type             | RTD                      |
| Output type            | Modbus RTU (RS485)       |
| Communication protocol | RS485<br>Modbus RTU      |
| Electrical data        |                          |
| runs with battery      | nein                     |
| Operating voltage      | 12...30 VDC              |
| Power-on indication    | LED, Green               |
| Mechanical data        |                          |
| Design                 | Cylindrical/Smooth, S15C |
| Dimensions             | Ø 15 x 57.8 mm           |
| Housing material       | Plastic, PVC, Black      |
| Electrical connection  | Connector, M12 x 1       |
| Ambient temperature    | 40...+70 °C              |
| Protection class       | IP67                     |
| Tests/approvals        |                          |
| Shock resistance       | 15 g (11 ms)             |
| Approvals              | CE<br>UKCA<br>cULus      |



### Features

- Protection classes IP67, IP68
- Compact housing
- In-line mounting
- Connection via female connector, M12 x 1, 5-pin and male connector, M12 x 1, 5-pin
- Operating voltage: 10...30 VDC
- Input: thermistor
- Output: Modbus RTU
- Converts the temperature signal into a 16-bit register value

### 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.