**FACT SHEET**

**Fieldbus communication**

**Modbus TCP**

Modbus-TCP is a complete communication module which enables your products to communicate on a Modbus-TCP network.

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**Fast and easy communication**

MODBUS TCP is a variant of the MODBUS family of simple, vendor-neutral communication protocols intended for supervision and control of automation equipment. Specifically, it covers the use of MODBUS messaging over the TCP/IP protocols. The anybus module have solid security to prevent unauthorized software to be downloaded to the module. Furthermore, encryption is used to prevent illicit copying.

**Ordering details**

<table>
<thead>
<tr>
<th>Module</th>
<th>Type</th>
<th>Order code</th>
<th>Pkg</th>
<th>KG</th>
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<tbody>
<tr>
<td>Modbus TCP</td>
<td>AB-MODBUS-TCP-2</td>
<td>15FA899300R1008</td>
<td>1</td>
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**Technical Details**

- **Dimensions (LxWxH):** 52x30x22 mm, 2.04x1.97x0.86" (modules without housing)
- **Protection class:** IP20
- **RoHS Compliance:** Yes
- **Galvanically isolated network interface:** Yes
- **Profile support:** Generic device
- **LED indicator:** Integrated on front (with housing), via application interface (without housing). Indicates Module Status and Network Status.

**Certifications**

- **CE, CULUS, RoHS:** Yes
- **Network conformance:** Yes (Interoperability tested)

**CE - Declaration of Pre-Conformity**

- **Emission EN 61000-6-4:** EN55018-2-3 Radiated emission
- **Immunity EN 61000-6-2:** EN61000-4-2 Electrostatic discharge, EN61000-4-3 Radiated immunity.
- **EN61000-4-4 Fast transients/burst, EN61000-4-5 Surge immunity.**
- **EN61000-4-6 Conducted immunity.**

**Electrical Characteristics**

- **Power requirements:** 3.3 VDC, +/- 0.15 VDC

**Environmental Characteristics**

- **Operating temp:** -40 to 70°C, -40-158°F
- **Humidity:** 5-95 % non-condensing

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