**Expert Net Control 2109 / 2159**

Remote I/O System with 24 passive signal inputs

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### Features

- 24 passive inputs for monitoring NO and NC devices, e.g. door contacts, smoke detectors etc.
- 2109: Power supply via external power supply unit (included in delivery)
- 2159: Power supply via Power-over-Ethernet or external power supply unit (not included in delivery)
- 2 interfaces for optional sensors for environmental monitoring (temperature and humidity)
- Firmware update via Ethernet during operation
- HTTP 1.1, e-mail, DHCP, SNMPv1 (Traps), SNMPv2c (Traps), Syslog
- Access control via IP Access Control List
- Access control via optional HTTP password
- Android and iOS app Gude Control allows access from anywhere
- Low power consumption, max. 2 W
- Developed and manufactured in Germany

### Electrical Connections

- DC socket for external power supply unit
- 24 passive inputs (12 PTR multiconnector, 3-fold)
- 2 connectors RJ45 for optional sensors
- Ethernet connector RJ45 (10/100 Mbit/s)

### Technical Details

- Anodized aluminium case, LxHxD: 104 x 104 x 28 mm
- Weight: ca. 200 g
- Operating temperature: 0-50 °C
- Storage temperature: -20 - 70 °C
- Relative humidity: 0 - 95 % (non-condensing environment)

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<table>
<thead>
<tr>
<th>Order code</th>
<th>Product</th>
<th>Feature</th>
<th>Power supply</th>
</tr>
</thead>
<tbody>
<tr>
<td>2109</td>
<td>Expert Net Control 2109</td>
<td>24 passive signal inputs, 2 sensor interfaces, external power supply unit included in delivery</td>
<td>External power supply unit (12 V)</td>
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<tr>
<td>2159</td>
<td>Expert Net Control 2159</td>
<td>24 passive signal inputs, 2 sensor interfaces, external power supply unit not included in delivery</td>
<td>Power-over-Ethernet or external power supply unit</td>
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<tr>
<td>7101</td>
<td>Temperature Sensor 7101</td>
<td>-20°C to +80 °C</td>
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<tr>
<td>7102</td>
<td>Temp./Humidity Sensor 7102</td>
<td>-20°C to +80°C / 0-90% humidity</td>
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<tr>
<td>7201</td>
<td>Temperature Sensor 7201</td>
<td>Box case with RJ45 socket, -20°C to +80°C</td>
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<tr>
<td>7202</td>
<td>Temp./Humidity Sensor 7202</td>
<td>Box case with RJ45 socket, -20°C to +80°C / 0-90% humidity</td>
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<tr>
<td>7901</td>
<td>Power Supply Unit 7901</td>
<td>12 V DC, 500 mA, plug for 2.1 mm pin, included in delivery of Expert Net Control 2109</td>
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