**TYPE 7002 .................. RETENTION CLIP**

Applications. Additional safety catch for SYSTEM 2200 devices on the relay socket.
Necessary in environments with strong vibrations.
Material. Spring steel.

**TYPE 7023 .................. 11-POLE RELAY SOCKET FOR CODING WITH SCREW TERMINALS**

Applications. Socket with screw terminals for SYSTEM 2200. For mounting on a DIN rail or directly on the bottom plate.
Dimensions (HxWxD). 68 x 38 x 24 mm.
Material. NORYL SE 1.
Colour. Black.

**TYPE 7024 .................. CODE RING AND CODE PIN**

Applications. Code ring and code pin for coding of the 11-pole relay socket type 7023.
Material. NORYL SE 1.
Colour. Red.

**TYPE 7005 .................. SHUNT RESISTOR 0.1 Ω, ±1%, 20 W**

**TYPE 7006 .................. SHUNT RESISTOR 1 Ω, ±1%, 20 W**

**TYPE 7014 .................. SHUNT RESISTOR 0.5 Ω, ±1%, 20 W**

**TYPE 7029 .................. SHUNT RESISTOR 0.2 Ω, ±1%, 20 W**

Applications. External shunt resistor in connection with the AC/DC transmitter type 2279 or trip amplifier type 2231.
Max. working voltage. 550 Volt.
Connection. Solder terminals.
Load. 12.5 W without heat sink.
25 W with 535 cm² x 1 mm heat sink.

**TYPE 7030 .................. SHUNT RESISTOR 0.1 Ω FOR DIN-RAIL MOUNTING**

Application. External shunt resistor in connection with AC/DC transmitter type 2279 or trip amplifier type 2231.
Max. voltage. 500 V (between ground and terminals).
Max. current. 5 A.
Accuracy. 0.5.
Max. load. 2.5 W.
Connection. Screw terminals.
Colour. Grey with green terminals.
### TYPE 5909 · LOOP LINK FOR USB

**Description**
Loop Link 5909 consists of a communication box with USB cable to the PC, necessary cables for connection to the devices, a CD-ROM with the configuration program PReset and an installation manual. The communication box is supplied from the USB port of the PC.

**Applications**
Loop Link is used for the configuration of 5114, 5115, 5116, 5131, 5331, 5333, 5334, 5335, 5715, 6331, 6333, 6334, and 6335.

### TYPE 5905A · LOOP LINK

**Description**
Loop Link consists of a communication box, a 9-/25-pole adapter plug and a connecting cable for the RS232 output of the PC, necessary cables between box and devices, a CD-ROM with the configuration program PReset, a 9 V battery and an installation manual.

**Applications**
Loop Link is used for the configuration of 5102, 5114, 5115, 5116, 5223, 5225, 5331, 5333, 5334, 5335, 6331, 6333, 6334, and 6335.

### TYPE 5910

**Description**
CJC connector for channel 1: 4114, 4116, 4131, 5114A, 5115A, 5116A, 5131A, 6331A, 6335A, and 6350A.

**Applications**
CJC connector for channel 1, Ex version: 5114B, 5115B, 5116B, 5131B, 6331B, 6335B, 6350B, 9113, and 9116.

### TYPE 5910Ex

**Description**
CJC connector for channel 2: 5114A, 5115A, 5131A, 6331A, 6335A, and 6350A.

### TYPE 5913

**Description**
CJC connector for channel 2: 5114A, 5115A, 5131A, 6331A, 6335A, and 6350A.

### TYPE 5913Ex

**Description**
CJC connector for channel 2, Ex version: 5114B, 5115B, 5131B, 6331B, 6335B, 6350B, 9113, and 9116.

### TYPE 8421 · DIN RAIL FITTING FOR PRETOP 5331, 5333, 5334, 5335, 5343 AND 5350

**Applications**
For mounting PRetop 5331, 5333, 5334, 5335, 5343 and 5350 on a DIN rail.

**Dimensions (H x W)**
37 x 10 mm.
## SENSORS

### TYPE 7430A
Pt100 Cable Sensor Ø4 x 50 mm
- **Accuracy**: IEC 60751, class A
- **Max. temperature**: 220°C
- **Connection**: 5 metres, 4-wire teflon cable 0.25 mm².

### TYPE 7430B
Pt100 Cable Sensor Ø6 x 60 mm
- **Accuracy**: IEC 60751, class A
- **Max. temperature**: 180°C
- **Connection**: 5 metres, 4-wire silicone cable 0.25 mm².

### TYPE 7430C
Pt100 Cable Sensor Ø5 x 20 mm
- **Accuracy**: IEC 60751, class A
- **Max. temperature**: 105°C
- **Connection**: 5 metres, 4-wire rubber cable 0.30 mm².

### TYPE 7440A
Thermowell for Pt100 Sensor ½” BSW / ½” BSW; 50 mm Insertion Length
- **Material**: Stainless, acid-proof steel W no. 1.4571 / AISI 316TI

### TYPE 7440B
Thermowell for Pt100 Sensor ½” BSW / ½” BSW; 100 mm Insertion Length

### TYPE 7440C
Thermowell for Pt100 Sensor ½” BSW / ½” BSW; 150 mm Insertion Length

### TYPE 7440D
Thermowell for Pt100 Sensor ½” BSW / ½” BSW; 200 mm Insertion Length

### TYPE 7440E
Thermowell for Pt100 Sensor ½” BSW / ½” BSW; 300 mm Insertion Length

### TYPE 7423
Ceramic Socket for Pt100 Sensors for Sensor Head Mounting
- **Connection**: Mounting in 7400xxxx sensor head.
POTENTIOMETERS

**TYPE 7007** ..................... 2-DIGIT DIGITAL POTENTIOMETER
10 KΩ, ±3%, 2 W
Dimensions (WxHxD) ............. 28 x 24 x 42 mm.
Cut-out (WxH) .................. 25 x 21 mm.
Colour .......................... Black.
**TYPE 7008** ..................... 3-DIGIT DIGITAL POTENTIOMETER
10 KΩ, ±3%, 2 W
Dimensions (WxHxD) ............. 37 x 24 x 42 mm.
Cut-out (WxH) .................. 35 x 21 mm.
Colour .......................... Black.
Applications ........................ E.g. as an external setpoint for SYSTEM 2200 devices.
Connection ........................ Solder terminals.

**TYPE 7009** ..................... 10-TURN POTENTIOMETER, 200 Ω, ±5%
**TYPE 7010** ..................... 10-TURN POTENTIOMETER, 20 KΩ, ±5%
**TYPE 7012** ..................... 1-TURN POTENTIOMETER, 1 KΩ, ±10%
**TYPE 7015** ..................... 1-TURN POTENTIOMETER, 10 KΩ, ±10%
**TYPE 7016** ..................... 1-TURN POTENTIOMETER, 100 KΩ, ±10%
**TYPE 7028** ..................... 10-TURN POTENTIOMETER, 2 KΩ, ±5%

Type 7009, 7010, 7028 ... 2 W, 6.3 mm shaft.
Type 7012, 7015, 7016 ... 2 W, 6 mm shaft.
Applications ...................... E.g. as an external setpoint for SYSTEM 2200 devices.
Cut-out (Ø) ........................ 10 mm.
Connection ........................ Solder terminals.

**TYPE 7011** ..................... DIAL FOR 10-TURN POTENTIOMETER
Applications ...................... Precision scale for the 10-turn potentiometers type 7009, 7010, and 7028.
Resolution ....................... 0.2%.

**TYPE 7019** ..................... SCALE LABEL 0...10 FOR 1-TURN POTENTIOMETER
Applications ...................... As adjustment reference for 1-turn potentiometers with a 270° rotation.
Dimensions ....................... 40 x 40 mm.
Material ........................ Aluminium with silk-printed black text.

**TYPE 7020** ..................... KNOB FOR 1-TURN POTENTIOMETER
Applications ...................... Knob for type 7012, 7015 and 7016.
With nut cover and a 6 mm shaft.
Material ........................ Polyamide.
Colour .......................... Black knob and red nut cover and top.

**TYPE 7020A** ................... KNOB FOR 10-TURN POTENTIOMETER
Applications ...................... Knob for types 7009, 7010, and 7028.
SYSTEM 9000

TYPE 9400 .................. POWER RAIL - 1 METER
Description .................. The power rail is delivered with 1 metre cover and 2 end covers - 1 right-hand and 1 left-hand. The power rail can be cut to measure, but minimum purchase is 1 m.
Application ................. Mounting and supply of system 9000 devices.
Dimensions (L x W x D) ... 100 x 35 x 15 mm.

TYPE 9402 .................. EXTRA END COVERS FOR POWER RAIL
Description .................. Kit with 1 right-hand and 1 left-hand end cover for power rail type 9400.
Material ...................... Polycarbonate.

TYPE 9403 .................. MODULE STOP FOR POWER RAIL
Application .................. To be screwed onto the power rail to support and hold mounted devices.
Dimensions (L x W x D) ... 47 x 8 x 35 mm.
Material ...................... Plastic.
**TYPE 3400-T ELECTROMECHANICAL COUNTER 6 DIGITS**

Application: Totalising of pulses from e.g. energy and flow measurements. Reset button in the counter front.

Dimensions (WxHxD): 52 x 28 x 80 mm.
Cut-out: 48.5 x 24.5 mm.
Supply voltage: 24 VDC.
Current consumption: 80 mA.
Max. frequency: 25 Hz.
Connectors: Solder terminals.
Min. pulse width: 24 ms.
Min. pulse interval: 16 ms.

**TYPE 8341 AND 8342 INDUCTIVE PROXIMITY SENSORS - NAMUR DIN 19234**

Applications: Detector for registration of rotation, positioning etc. in conn. with frequency converters, pulse calculators, etc.

Colour code, both types: Brown: +V, Blue: + input.

<table>
<thead>
<tr>
<th>Type</th>
<th>Supply voltage</th>
<th>Switching distance</th>
<th>Cable length</th>
<th>Material</th>
<th>Protection degree</th>
<th>Ambient temperature</th>
<th>Max. frequency</th>
<th>Dimensions ØxL/weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>8341</td>
<td>8.2 VDC/1 kΩ</td>
<td>2 mm</td>
<td>2 m</td>
<td>Stainless steel</td>
<td>IP67</td>
<td>-30°C...+70°C</td>
<td>800 Hz</td>
<td>M18 x 30 mm / 140</td>
</tr>
<tr>
<td>8342</td>
<td>8.2 VDC/1 kΩ</td>
<td>2 mm</td>
<td>2 m</td>
<td>Stainless steel</td>
<td>IP67</td>
<td>-30°C...+70°C</td>
<td>800 Hz</td>
<td>M12 x 30 mm / 70 g</td>
</tr>
</tbody>
</table>

**TYPE 8343 AND 8344 INDUCTIVE PROXIMITY SENSORS - NPN**

Applications: Detector for registration of rotation, positioning etc. in conn. with frequency converters, pulse counters, etc.

Colour code, both types: Brown: +V, Black: + input, Blue: - input.

<table>
<thead>
<tr>
<th>Type</th>
<th>Supply voltage</th>
<th>Switching distance</th>
<th>Cable length</th>
<th>Material</th>
<th>Protection degree</th>
<th>Ambient temperature</th>
<th>Max. frequency</th>
<th>Dimensions ØxL/weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>8343</td>
<td>10...40 VDC</td>
<td>2 mm</td>
<td>2 m</td>
<td>Stainless steel</td>
<td>IP67</td>
<td>-30°C...+70°C</td>
<td>800 Hz</td>
<td>M18 x 30 mm / 170 g</td>
</tr>
<tr>
<td>8344</td>
<td>10...40 VDC</td>
<td>2 mm</td>
<td>2 m</td>
<td>Stainless steel</td>
<td>IP67</td>
<td>-30°C...+70°C</td>
<td>800 Hz</td>
<td>M12 x 30 mm / 70 g</td>
</tr>
</tbody>
</table>

**TYPE 8335 SPLASH-PROOF COVER FOR 5714, 5715 & 5725**

Application: Extra protection in extreme environments.

Material: Flexible, transparent PVC.

**TYPE 8201L POWER WIRE, SUPPLY PIN 31 + 33 LEFT**

**TYPE 8202L POWER WIRE, SUPPLY PIN 31 + 32 LEFT**

**TYPE 8201R POWER WIRE, SUPPLY PIN 31 + 33 RIGHT**

**TYPE 8202R POWER WIRE, SUPPLY PIN 31 + 32 RIGHT**

Application: Power wire for system 5000. Each plug is coded to eliminate mounting errors.

Order: Order as single plugs of the type in question. Illustrations show 8 x 8201L and 8 x 8201R.