

## SYSTEM 5000 & 6000

### 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 modules, a CD-ROM 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 modules, a CD-ROM, a 9 V battery and an installation manual.

Applications..... Loop Link is used for the configuration of 5102, 5114, 5115, 5116, 5131, 5133, 5222, 5223, 5225, 5331, 5333, 5334, 5335, 5514, 5515, 6331, 6333, 6334, and 6335.

### TYPE 5906 ..... COMPLETE PROGRAMMING KIT FOR SYSTEM 5000 UNITS

A combination of Opto Link 5901 and Loop Link 5905A.



### TYPE 5901 ..... OPTO LINK

Description ..... Opto Link is a communications interface for type 5111 and 5511. Opto Link consists of a fibre-optic cable, a programming diskette 3.5", a 9-/25-pole adapter plug for the RS232 output of the PC, and a user manual.

Applications..... Opto Link is used for the configuration of the 5111 and 5511 units.



TYPE 5910 ..... CJC connector for 5114A, 5115A, 5116A, 5131A, 5222, 6331A, 6335A, 6350A, channel 1.

TYPE 5910 EEx ..... CJC connector for 5114B, 5115B, 5116B, 5131B, 6331B, 6335B, 6350B, channel 1, EEx-version.

TYPE 5911 ..... CJC connector for 5511.

TYPE 5912 ..... CJC connector for 5111.

TYPE 5912 EEx ..... CJC connector for 5111, EEx-version.

TYPE 5913 ..... CJC connector for 5114A, 5115A, 5131A, 6331A, 6335A, 6350A, channel 2.

TYPE 5913EEx ..... CJC connector for 5114B, 5115B, 5131B, 6331B, 6335B, 6350B, channel 2, EEx version.

TYPE 5914 ..... CJC connector for 5514 and 5515.



# SYSTEM 2200 / VARIOUS

**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.



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

Applications..... Additional safety catch for SYSTEM 2200 modules 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  $\Omega$ ,  $\pm 1\%$ , 20 W**

**TYPE 7006** ..... **SHUNT RESISTOR 1  $\Omega$ ,  $\pm 1\%$ , 20 W**

**TYPE 7014** ..... **SHUNT RESISTOR 0.5  $\Omega$ ,  $\pm 1\%$ , 20 W**

**TYPE 7029** ..... **SHUNT RESISTOR 0.2  $\Omega$ ,  $\pm 1\%$ , 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 cm<sup>2</sup> x 1 mm heat sink.



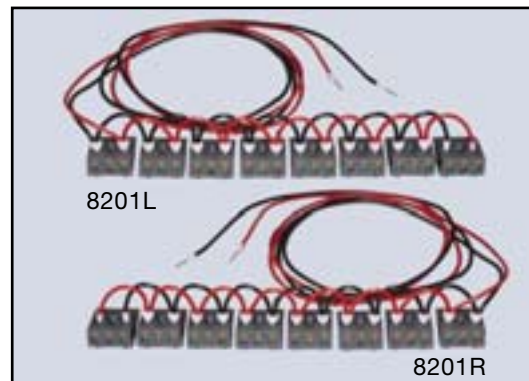
# VARIOUS

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

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



**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.

Connection ..... 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 connection with frequency converters and pulse calculators, etc.

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

	<b>8341</b>	<b>8342</b>
Supply voltage .....	8.2 VDC/1 k $\Omega$	8.2 VDC/1 k $\Omega$
Switching distance .....	5 mm	2 mm
Cable length .....	2 m	2 m
Material.....	Stainless steel	Stainless steel
Tightness .....	IP67	IP67
Ambient temperature .....	-30...+70°C	-30...+70°C
Max. frequency.....	500 Hz	800 Hz
Dimensions $\varnothing$ xL.....	M18 x 40 mm	M12 x 46 mm
Weight .....	140 g	70 g



**TYPE 8343 AND 8344... INDUCTIVE PROXIMITY SENSORS**

**- NPN**

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

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

	<b>8343</b>	<b>8344</b>
Supply voltage .....	10...40 VDC	10...40 VDC
Switching distance .....	5 mm	2 mm
Cable length .....	2 m	2 m
Material.....	Stainless steel	Stainless steel
Tightness .....	IP67	IP67
Ambient temperature .....	-30...+70°C	-30...+70°C
Max. frequency.....	500 Hz	800 Hz
Dimensions $\varnothing$ xL.....	M18 x 40 mm	M12 x 46 mm
Weight .....	170 g	70 g



# POTENTIOMETERS

**TYPE 7007 ..... 2-DIGIT DIGITAL POTENTIOMETER**  
**10 K $\Omega$ ,  $\pm$ 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 K $\Omega$ ,  $\pm$ 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 modules.  
 Connection..... Solder terminals.


**TYPE 7009 ..... 10-TURN POTENTIOMETER, 200  $\Omega$ ,  $\pm$ 5%**  
**TYPE 7010 ..... 10-TURN POTENTIOMETER, 20 K $\Omega$ ,  $\pm$ 5%**  
**TYPE 7012 ..... 1-TURN POTENTIOMETER, 1 K $\Omega$ ,  $\pm$ 10%**  
**TYPE 7015 ..... 1-TURN POTENTIOMETER, 10 K $\Omega$ ,  $\pm$ 10%**  
**TYPE 7016 ..... 1-TURN POTENTIOMETER, 100 K $\Omega$ ,  $\pm$ 10%**  
**TYPE 7028 ..... 10-TURN POTENTIOMETER, 2 K $\Omega$ ,  $\pm$ 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 modules.  
 Cut-out ( $\varnothing$ ) ..... 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 ..... SQUARE 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.

