

## Switch power supply for power supply of the pressure gauge transducer and digital displays

**Function:** Stabilised output voltage 24V DC, housing for standard rail assembly

Type	Input voltage	Output	Nominal performance
S8VS01524	100 - 240V AC	24V DC (max. 650 mA)	15 W

## Universal built-in display and controller

**Materials:** Housing and window: polycarbonate

**Temperature range:** -20°C to max. +50°C

**Protection class:** front side: IP 65

**Input signals:** Standard signals (0-20 mA, 4-20 mA, 0-50 mV, 0-1V, 0-2V and 0-10V), resistor thermometers (Pt100 and Pt1000), thermocouples (types K, J, N, T, S, R, B, E and U), frequency / speed (TTL and switch contact)

**Outputs:** 2 switch contacts (not galvanised isolated, PNP, NPN or push-pull)

**Output functions:** 2 point, 3 point, 2 point with alarm, min/max alarm together or separated, switch points user defined

**Conversion rate:** Standard signal and frequency measurement: approx. 100 measurements/sec., temperature measurement: approx. 1 measurement per second

**Display accuracy:** ±0.2% of the span for voltage signals

**Power supply:** 9 - 28V DC

**Display:** four-digit, red LED display, character height: 10 mm

**Dimensions:** front frame: 24 x 48 mm, installation depth (with plug-in terminal): approx. 67 mm

Type	Description
Di 32-1	Digital display for installation into a panel cut-out 22.4 x 45.3 mm

## Digital plug-on displays for pressure gauge transducers (LCD)

**Materials:** Housing: ABS, front window: Polycarbonate

**Temperature range:** 0°C to max. +50°C

**Protection class:** IP 65

**Electrical connection:** A transmitter with 4-20 mA outlet in a 2-wire system and elbow plug

DIN 43650/EN 175301-803 (size 3, 4-pin)

**Conversion rate:** 5 meas./sec.

**Display accuracy:** ± 0.2% of the span, ± 1 digit

**Programming:** Using 3 keys under the housing face plate, menu guided: Scaling of the display area, decimal point, cushioning

**Dimensions:** Front frame: 49 x 49 mm, depth: 35.5 mm

Type	Description
DAA 4	Four digit LCD plug-on display for gauge transducer, character height: 10 mm

## Electronic pressure switches

**up to 600 bar**

**Materials:** Body and thread connector: Stainless steel (AISI 304/316L), display: Plastic, measured material touching parts: Stainless steel (AISI 316L)

**Temperature range:** -20°C to max. +80°C, measured material: Max. +85°C

**Protection class:** IP 67

**Supply voltage:** 15-35V DC, 45 mA

**Electrical connection:** Plug M12 (4-pin)

**Control output (PNP):** 2 control outputs (contacts, break contacts, windows and 250 mA hysteresis can be freely adjusted for each control output), max. 250 mA

**Switching accuracy:** ±1% of the span

**Connection:** G 1/4" MT (with elastomer seal)

**Service life:** 100 million relay switches

- ✓ **Advantages:**
- Easy-to-read, sturdy LED display
  - Intuitive and quick operation
  - Easily adjustable to various installation situations, e.g. by using a display that can be rotated 300° or digits that can be rotated 180° on the display
  - Thread connector equipped with elastomer seal
  - Honoured with the IF product design award
  - Password-protected menu navigation

☞ **Optional:** IO-Link communication standard for quicker installation and parametrisation -IO

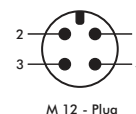
Type	Settings range	Protected against overpressure to
DRSEW -1	-1 to 0 bar	2 bar
DRSEW 1	0 - 1 bar	2 bar
DRSEW 1,6	0 - 1.6 bar	3.2 bar
DRSEW 2,5	0 - 2.5 bar	5 bar
DRSEW 4	0 - 4 bar	8 bar
DRSEW 6	0 - 6 bar	12 bar
DRSEW 10	0 - 10 bar	20 bar
DRSEW 16	0 - 16 bar	32 bar
DRSEW 25	0 - 25 bar	50 bar
DRSEW 40	0 - 40 bar	80 bar
DRSEW 60	0 - 60 bar	120 bar
DRSEW 100	0 - 100 bar	200 bar
DRSEW 160	0 - 160 bar	320 bar
DRSEW 250	0 - 250 bar	500 bar
DRSEW 400	0 - 400 bar	800 bar
DRSEW 600	0 - 600 bar	1200 bar

☞ **Order example:** DRSEW -1 \*\*

Standard type

**Designation for the options:**  
IO-Link .....-IO

All data are considered to be unbinding reference values. We accept no liability for data selection that is not confirmed in writing. Pressure data refer, if not otherwise indicated, to liquids of Group II at +20°C.



M 12 - Plug

