

# Digital displays for Weighing technology



For the weighing technology the build-in devices of the S102 series and the large size displays of the S302 series with protocol adaption to the different weighing systems of various manufacturers are offered. The displays show the weight as well as the status messages gross, net, tare and the standstill of the weighing unit.

# Series S102

## Build-in units for weighing technology



The compact displays in their build-in housing of 96 x 48 mm are a special version of the series S102 and they are compatible with the weighing systems Siemens Siwarex and Phoenix Contact. They have status LEDs for .Net, Tara, -0-, >< and the weighing ranges.

### Data interface

Siemens Siwarex FTA	S102-W6/14/0x-000/0B-SM
Siemens Siwarex U, M, A, CS	S102-W6/14/0x-000/0B-TM
Phoenix Contact IB IL SGI-2/P (-PAC)	S102-W6/14/0x-000/0B-SL

### LED-Farben

Red	S102-xx/xx/xR-xxx/xx-xx
Green	S102-xx/xx/xG-xxx/xx-xx

### Options

Protection type IP65 front <sup>1</sup>	S102-xx/xx/xx-xx1/xx-xx
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<sup>1</sup> Applies to S102-xx/14/xx-xxx/xx-xx

### Technical data

Power supply	24 V DC ±15 %, galvanically isolated, protected against reserved polarity
Protection type	IP40 front, optional IP65
Connecting technology	Plug-in screw-type terminals

Detailed technical data see operating instructions.

# Series S302

## Large size displays for weighing technology



The large size displays for weighing technology are special versions of the S302 series. They have a four or five digit LED display with 57, 100, 160 or 250 mm high digits as well as a dimension symbol in film lettering or LED technology.

The LED version shows the values g, kg, t or lb. Devices with status indicators to show the symbols -0-, PT, NET and T are also offered.

### Manufacturer-specific data interfaces

S302-xx/xx/xx-xxx/xx-xR Arpège  
 S302-xx/xx/xx-xxx/xx-xZ Bizerba  
 S302-xx/xx/xx-xxx/xx-xT Mettler-Toledo  
 S302-xx/xx/xx-xxx/xx-xL Phoenix Contact  
 S302-xx/xx/xx-xxx/xx-xE Precia-Molen  
 S302-xx/xx/xx-xxx/xx-xP Sartorius  
 S302-xx/xx/xx-xxx/xx-xC Schenck  
 S302-xx/xx/xx-xxx/xx-xM Siemens Siwax

### Manufacturer-independent data interfaces

S302-xx/xx/xx-xxx/xx-S0 RS485/RS232  
 S302-xx/xx/xx-xxx/xx-T0 TTY 20mA/RS232

### Units with film dimension symbols



Character height		4 digits + dimension <sup>1</sup>	5 digits + dimension <sup>1</sup>
57 mm	Type designation Measures A x B	S302-F4/06/0R-100/0A-xx 400 x 185 mm	S302-F5/06/0R-100/0A-xx 400 x 185 mm
100 mm	Type designation Measures A x B	S302-F4/10/0R-100/0A-xx 680 x 245 mm	S302-F5/10/0R-100/0A-xx 680 x 245 mm
160 mm	Type designation Measures A x B	S302-F4/16/0R-100/0A-... 960 x 300 mm	S302-F5/16/0R-100/0A-xx 960 x 300 mm
250 mm	Type designation Measures A x B	S302-F4/25/0R-100/0A-xx 1500 x 400 mm	S302-F5/25/0R-100/0A-xx 1500 x 400 mm

<sup>1</sup> Folien-Dimensionszeichen: g (F101), kg (F102), t (F103), lb (F105)

### Units with LED dimension symbols



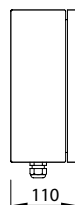
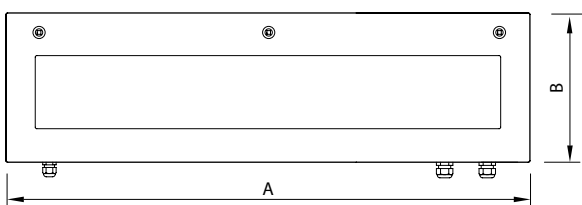
Character height		4 digits + dimension	5 digits + dimension
57 mm	Type designation Measures A x B	S302-K5/06/0R-100/0A-xx 400 x 185 mm	S302-K5/06/0R-100/0A-xx 400 x 185 mm
100 mm	Type designation Measures A x B	S302-K4/10/0R-100/0A-xx 680 x 245 mm	S302-K5/10/0R-100/0A-xx 680 x 245 mm
160 mm	Type designation Measures A x B	S302-K4/16/0R-100/0A-... 960 x 300 mm	S302-K5/16/0R-100/0A-xx 960 x 300 mm
250 mm	Type designation Measures A x B	S302-K4/25/0R-100/0A-xx 1500 x 400 mm	S302-K5/25/0R-100/0A-xx 1500 x 400 mm

### Units with LED dimension symbols and status indicator



Character height		5 digits + dimension + status
57 mm	Type designation Measures A x B	S302-W5/06/0R-100/0A-xx 510 x 185 mm
100 mm	Type designation Measures A x B	S302-W5/10/0R-100/0A-xx 870 x 245 mm
160 mm	Type designation Measures A x B	S302-W5/16/0R-100/0A-xx 1100 x 300 mm
250 mm	Type designation Measures A x B	S302-W5/25/0R-100/0A-xx 1730 x 400 mm

#### One-sided display



Dimensions in mm

## Options

LED for outdoor use

S302-xx/xx/2x-xxx/xx-xx

Housing with two-layer coating

S302-xx/xx/xx-x1x/xx-xx

Housing V2A (stainless steel), varnished

S302-xx/xx/xx-x2x/xx-xx

Housing V2A (stainless steel), brushed

S302-xx/xx/xx-x3x/xx-xx

Housing V4A (stainless steel), brushed

S302-xx/xx/xx-x5x/xx-xx

Protection type IP65

S302-xx/xx/xx-xx1/xx-xx

Protection type IP54 with climate control

S302-xx/xx/xx-xx2/xx-xx

Protection type IP54 with climate control and heating

S302-xx/xx/xx-xx4/xx-xx

Protective weather cover

S302-xx/xx/xx-xxx/xx-xx-1011

Power supply 24 V DC

S302-xx/xx/xx-xxx/xB-xx



## Technical data

Power supply	230 V AC $\pm 15\%$ , 50 Hz, optional 24V DC $\pm 15\%$ or 115V AC $\pm 15\%$ , 60 Hz
Housing	Steel sheet, optional stainless steel, Varnishing RAL 5002 ultramarine blue/RAL 7035 light grey
LED color	Red, further colors on request
Protection type	IP54, optional IP65
Detailed technical data see operating instructions.	

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