

# S320

## Display



**EASY TO USE**  
User-friendly design



**POWER SUPPLY**  
Flexible power supply



**ALARM**  
Optional alarm settings



**USB INTERFACE**  
For configuration with S4C software



**EASY INSTALLATION**  
Wall or panel mountable casing



**SIGNAL INPUTS**  
Digital and analog input



## Benefits

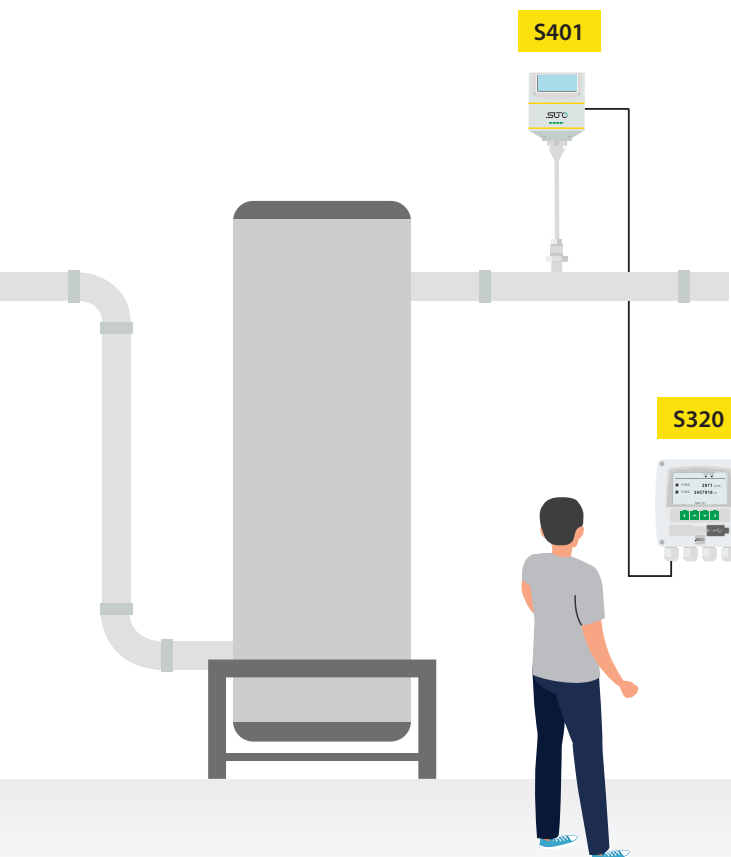
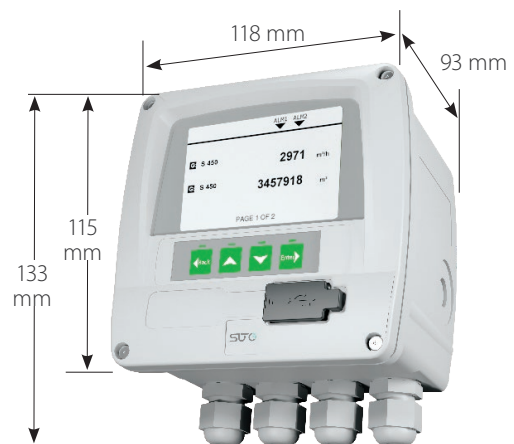
- ✓ Cost-efficient display unit for live readings on a big display
- ✓ Inputs for sensor connection:
  - 1 input for flow / dew point sensor
  - 1 input for analog sensors
- ✓ 2 relay outputs for alarm with optional alarm on display
- ✓ USB interface for configuration with S4C software
- ✓ Wall or panel mountable casing

## Display Solutions for Sensors

The S320 Display provides a cost efficient display solution for industrial applications where information from a single difficult-to-access sensor is required. The display has an input for SUTO flow meters and dew point sensors.

It can display all relevant parameters (flow, dew point, pressure, temperature, power consumption, compressor status etc.) in a compressed air system.

## Dimensions



### Inputs

- 1 input for SUTO flow/ dew point sensors
- 1 input for analog sensor (0 ... 20 mA, 4 ... 20 mA, 0 ... 10 V)

### Outputs

- Communication Interfaces USB port
- Other Signals / Features
- 2 Alarm relay outputs

## Technical Data

### Signal / Interface & Supply

#### Input signals

Digital input	1 x SDI for dew point and flow sensors
Analog input	1 x 0 ... 20 mA or 1 x 4 ... 20 mA or 1 x 0 ... 10 V

#### Output signals

Alarm output	2 relays, 230 VAC, 3 A
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#### Electrical data

Power supply	100 ... 240 VAC, 15 VA (option A1640) 18 ... 30 VDC, 20 W (option A1641)
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Sensor supply	24 V, 10 W
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#### Data interface

Connection	USB to PC
Operation	Keyboard, 4 keys

### General data

#### Configuration

PC Software	S4C-Display software
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#### Display

Integrated	Graphic display, 220 x 140 pixels with back light
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#### Material

Housing	ABS
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#### Miscellaneous

Protection class	IP65
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Approvals	CE
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Weight	0.52 kg
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Housing	Panel, wall mountable
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Dimensions	See dimensional drawing
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Cable entry diameter	4.5 ... 8 mm
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Cable	Supply: AWG 12 ... AWG 24, 0.2 ... 2.5 mm <sup>2</sup> ; Signals: AWG 16 ... AWG 28, 0.14 ... 1.5 mm <sup>2</sup>
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Weight	0.52 kg
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#### Operating conditions

Ambient temperature	0 ... +50 °C
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Ambient humidity	< 90 %
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Storage temperature	-20 ... +70 °C
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Transport temperature	-30 ... +70 °C
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## Ordering

Please use the following table to assist in placing your order with our sales staff.

### S320 Display

Order No.	Description
D500 0320	S320 base unit, panel version, 1 input for SUTO sensor, 1 analog input
<b>Power supply</b>	
A1640	Power supply 100 ... 240 VAC, 15 VA, 2 relay outputs
A1641	Power supply 18 ... 30 VDC, 20 W, 2 relay outputs
<b>Wall casing</b>	
A1649	No wall casing (panel mount)
A1645	Wall mountable casing with 4 cable glands

### S320 Accessories

Order No.	Description
A553 0104	Sensor cable, 5 m with M 12 connector, open wires, AWG 24 (0.2 mm <sup>2</sup> )
A553 0105	Sensor cable, 10 m with M 12 connector, open wires, AWG 24 (0.2 mm <sup>2</sup> )
A553 0106	Power cable with mains plug, 1.8 m

### Ordering Example

<b>Example</b>	S320 Display, 100... 240 VAC supply, with wall casing
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<b>Order Code</b>	D500 0320.A1640.A1645
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