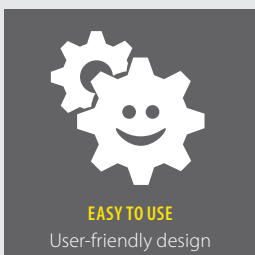


# DISPLAY S320



Convenient data reading from difficult-to-access sensors



## S320 FEATURES



**EASY TO USE**  
User-friendly design



**POWER SUPPLY**  
Flexible power supply



**USB INTERFACE**  
For configuration with S4C software



**EASY INSTALLATION**  
Wall or panel mountable casing



**ALARM**  
Optional alarm settings



**SIGNAL INPUTS**  
Digital and analog input

## S320 OPERATION PRINCIPLE

The S320 local display provides a simple, cost effective solution for applications where information from a single difficult-to-access sensor is required.

## S320 TECHNICAL DATA

| General Specifications       |   |
|------------------------------|---|
| <b>Casing</b>                | Size: 118 x115 x 93 mm<br>Panel size: 92 x 92<br>Protection class: IP65                       |
| <b>Power supply</b>          | 100 ... 240 VAC, 50-60 Hz, 15 VA  |
| <b>Interface</b>             | USB   |
| <b>Alarm output</b>          | 2 relay, 230 VAC, 3 A   |
| <b>Ambient conditions</b>    | 0 ... +50°C   |
| <b>Sensor input 1</b>        | 1 sensor: S401, S421, S430, S450, S452, S220, S201, S212, S215                                |
| <b>Sensor input 2</b>        | 1 analog sensor: pressure sensors, temperature sensor, 0 ... 20 mA, 0 ... 10 V                |
| <b>Accuracy 1)</b>           | Dew point: See sensor specs.<br>Flow: See sensor specs.<br>0-20 mA: 0.01 mA<br>0-10 V: 0.01 V |
| <b>Operation temperature</b> | 0 ... +50°C   |
| <b>Storage temperature</b>   | -20 ... +70°C   |
| <b>Protection</b>            | IP65  |

1) Accuracy of sensor not included

## S320 SENSOR INPUTS

1 input for SUTO  
flow/ dew point  
sensors

1 input for analog  
sensor (0 ... 20 mA,  
0 ... 10V)



Communication Interfaces  
USB port



Other Signals / Features  
2 Alarm relay outputs



## S320 ORDERING

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



Visit our website or e-mail us:  
[www.suto-itec.com](http://www.suto-itec.com)  
[sales@suto-itec.com](mailto:sales@suto-itec.com)

| S320 Display |              |        |   |
|--------------|--------------|--------|---|
| Order No.    | Power supply | Casing | Description   |
| D500 0320    |              |        | S320 base unit, panel version, 1 input for SUTO sensor, 1 analog input          |
| A1640        | A            |        | Power supply 100 ... 240 VAC, 15 VA, 2 relay outputs                            |
| A1641        | B            |        | Power supply 18 ... 30 VDC, 15 VA, 2 relay outputs                              |
|              |              | A      | None  |
| A1645        |              | B      | Wall mountable casing with 4 cable glands                                       |
| Accessories  |              |        |   |
| A553 0104    |              |        | Sensor cable 5 m, with M12 connector, open wires, AWG24 (0.2 mm <sup>2</sup> )  |
| A553 0105    |              |        | Sensor cable 10 m, with M12 connector, open wires, AWG24 (0.2 mm <sup>2</sup> ) |
| A553 0106    |              |        | Power cable with mains plug, 1.8 m  |

