

## **S601**

# Stationary Compressed Air Purity Monitor





ALL IN ONE

Dew point, particle and oil vapor



TOUCH SCREEN 5" large color LCD



INDUSTRIAL DESIGN For outdoor applications



PRECISION
Accurate measurements



COMPACT DESIGN Can be installed anywhere



### Benefits

- All-in-one device measures particle concentration, dew point and oil vapor
- Measures additionally the temperature and pressure
- Software guided measurement makes it easy to generate reliable results
- Real time information can be retrieved from the S601 by SCADA systems via Modbus outputs
- Compact design and easy setup, just connect the unit to power and the compressed air supply

## Constant Measurement — 24/7 Monitoring

The S601 combines three major quality measurements into a single wall mountable device. Optimized to be used as Plug & Play system, the S601 helps users to identify the air quality at a glance.

The robust cabinet makes is well suited for rough industrial applications.

A stainless steel cabinet is offered on request, which is suited for pharmaceutical and medical applications.

The S601 combines the latest sensor technology and a time-saving setup into a one of its kind multi-tool. Mount it, power it, connect it and measure. Trust us, it is that easy.

## Monitoring of All Relevant Contaminants



#### Particle Concentration Measurement

 $0.1 < d \leq 0.5~\mu m$  /  $0.5 < d \leq 1.0~\mu m$  /  $1.0 < d \leq 5.0~\mu m$  /  $5.0~\mu m < d$ 



#### **Dew Point Measurement**

-100 ... +20 °C Td

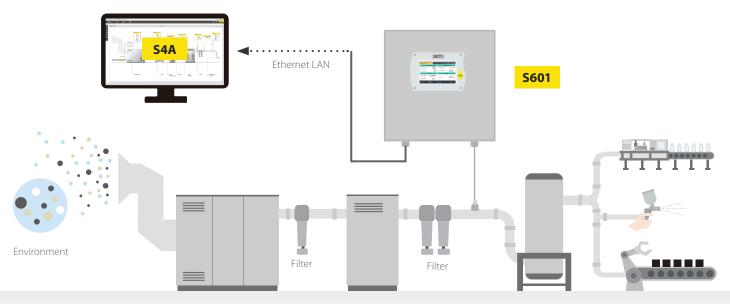


#### Oil Vapor Measurement

0.001... 5.000 mg/m<sup>3</sup>

ISO 8573-1 Classification

Alarm Management Monitoring Software



Compressor

Dryer Desiccant

Tank

User



## **Various Applications**

- Air quality measurements in medical, pharmaceutical, food and beverage applications
- Compressed air quality audits in regards to the ISO 8573-1
- Point-of-use measurements to ensure process safety and quality in all applications
- Monitoring of high tech applications with strict air purity requirements

## 5 in 1 Measuring Device

The S601 is the stationary multi-tool for compressed air purity measurements. It measures, records and validates quality parameters like particles, dew point, oil vapor contents, temperature and the pressure of compressed air systems. It offers different signal outputs to seamlessly integrate it into your system. The integrated logger stores the recorded values safely.



#### **Particle Concentration Measurement**

- Measurement methods according to ISO 8573 standards
- Latest laser detection technology
- Smallest particle size 30 ... 70 %, next bigger sizes 90 ... 110 % per ISO 21501-4



#### **Integrated Data Logger**

- Integrated data logger records all channels in parallel for later analysis
- 5" touchscreen allows you to interact with the device on site
- There in no need for a PC to manage the device



#### Oil Vapor Measurement

- Latest photoionisation detector (PID) with self-calibration
- Wide range of oil vapor concentrations
- High precision with 5 % of reading ± 0.003 mg/m³ accuracy



#### **Dew Point Measurement**

- Large ranges thanks to the unique multiple sensor technology
- Long-term stable and well-proven measurement methods
- Outstanding precision with a high accuracy over the full range from -100 to +20 °C Td



#### **Pressure Measurement**

- State of the art sensor technology
- Additional quality data about the compressed air system



#### **Modular Concept**

The S601 is based on a modular concept which enables the client to decide which type of measurement needs to be performed.

This makes the S601 customizable and flexible to offer the end-user the best suited instrument to finish the desired measurement tasks.



#### ISO 8573-1 Compressed Air Classes

ISO 8573-1:2010 is the main publication of the ISO 8573 series of standards, because it contains the permissible amount of contaminants per cubic meter of compressed air is fixed.

	Par	ticle Concentra	ntration Pressure Dew Point		Oil Concentration	
Class	cn/m³		- <b>- ( )</b>	, 3		
	0.1 < d ≤ 0.5 μm	0.5 < d ≤ 1.0 μm	1.0 < d ≤ 5.0 μm	°C (°F)	mg/m³	
0	As specified by the equipment user or supplier and more stringent than class 1					
1	≤ 20,000	≤ 400	≤ 10	<u>≤ -70 (94.0)</u>	≤ 0.01	
2	≤ 400,000	≤ 6,000	≤ 100	<u>≤ -40 (-40.0)</u>	<u>≤ 0.1</u>	
3	not specified	≤ 90,000	≤ 1,000	<u>≤ -20 (-4.0)</u>	<u></u> ≤ 1	
4	not specified	not specified	≤ 10,000	<u>≤ +3 (+37.4)</u>	<u>≤ 5</u>	
5	not specified	not specified	≤ 100,000	<u>≤ +7 (+45.6)</u>	> 5	
6	X	×	Х	≤ +10 (+50.0)	X	

# Why should you focus on your ISO 8573-1 specifications?

Certain industries like the pharmaceutical and food industry requires high-quality compressed air. By meeting the ISO 8573-1 standard requirements you can:



## Ensure Process and Product Safety:

Potential incidents, like contaminants meeting food via water and oil, can create safety concerns and unreliable processes.



## Avoid Production Failures and Poor Quality Finishes:

Contaminants mixing with applications effect product results.



## Prevent production downtime:

Processes and machines are stopped to find and eliminate the contamination issues.

#### **Dimensions**



## Technical Data

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Particle concentration           Accuracy         Counting Efficiency according ISO 21501-4           Option A1263:         Option A1260:           30 70 % of d > 0.1 µm         50 % @           90 110 % of d ≥ 0.3 µm         100 % @ d > 0.15 µm           100 % @ d > 0.15 µm         100 % @ d > 0.15 µm           100 % @ d > 0.15 µm         100 % @ d > 0.15 µm           100 % @ d > 0.15 µm         0.3 < d ≤ 0.5 µm           100 % @ d > 0.15 µm         0.3 < d ≤ 0.5 µm           0.1 < d ≤ 5.0 µm         0.3 < d ≤ 0.5 µm           0.5 < d ≤ 1.0 µm         0.5 < d ≤ 1.0 µm           10 < d ≤ 5.0 µm         0.5 ∪ µm < d           20 µm < d         5.0 µm < d           20 µm < d         1.0 µm < d					
Option A1263:         Option A1260:           3070% of d > 0.1 μm         50 % @           90110% of d ≥ 0.3 μm         50 % @           Neasuring range         Option A1263:         Option A1260:           0.1 < d ≤ 0.5 μm         0.3 < d ≤ 0.5 μm           0.5 < d ≤ 1.0 μm         0.5 < d ≤ 1.0 μm           1.0 < d ≤ 5.0 μm         1.0 < d ≤ 5.0 μm           5.0 μm < d         5.0 μm < d           Sensor         Laser optical particle counter           Sampling rate         1 min.           Flow rate         2.83 l/min           Pressure Dew Point         41 °C Td (020 °C Td)           Accuracy         ± 1 °C Td (700 °C Td)           ± 2 °C Td (70	Particle concentration				
Selectable units   So % @   0.1 < d ≤ 0.15 μm   100 % @ d > 0.15 μm   100 < d ≤ 5.0 μm   1.0 < d ≤ 6.0 c C Td   1.0 < d ≤ 6.0 c C Td	Accuracy	Counting Efficiency according ISO 21501-4			
Selectable units         cn/m³, cn/ft³         Option A1260: Option A12		Option A1263:	Option A1260:		
Selectable units		30 70 % of d > 0.1 $\mu$ m			
Selectable units         cn/m³, cn/ft³           Measuring range         Option A1263: Option A1260: 0.1 < d ≤ 0.5 µm 0.3 < d ≤ 0.5 µm 0.5 < d ≤ 1.0 µm 1.0 < d ≤ 5.0 µm 1.0 < d ≤ 5.0 µm < d 5.0 µm            Selectable units         mg/m³           Detection limit         0.001 mg/m³           Selectable units         mg/m³           Measuring range         0.001 mg/m³ <th col<="" th=""><th></th><th>90 110 % of d <math>\geq</math> 0.3 <math>\mu m</math></th><th></th></th>	<th></th> <th>90 110 % of d <math>\geq</math> 0.3 <math>\mu m</math></th> <th></th>		90 110 % of d $\geq$ 0.3 $\mu m$		
Measuring range         Option A1263: Option A1260: O.3 < d ≤ 0.5 μm O.3 < d ≤ 0.5 μm O.5 < d ≤ 1.0 μm O.5 < d ≤ 5.0 μm O.5 < d ≤ 5.0 μm O.5 < d ≤ 5.0 μm O.5 < d ≤ 1.0 μm O.5 < d ≤ 5.0 μm O.5 < d ≤ 1.0 μm O.5 < d ≤ 5.0 μm O.5 < d ≤ 1.0 μm O.5 < d ≤ 5.0 μm O.5            Sensor         Laser optical particle counter           Pressure Dew Point           Accuracy         ± 1 °C Td (0 20 °C Td) ± 2 °C Td → 20 °C Td = < 240 sec (240	61 . 11	, 3, ,6,3	100 % @ d > 0.15 μm		
0.1 < d ≤ 0.5 μm		<u> </u>			
0.5 < d ≤ 1.0 μm   1.0 < d ≤ 5.0 μm   1.0 < d ≤ 5.0 μm   5.0 μm < d   5.0 μm < d	Measuring range		'		
1.0 < d ≤ 5.0 μm			·		
Sensor Laser optical particle counter  Sampling rate 1 min.  Flow rate 2.83 l/min  Pressure Dew Point  Accuracy ±1 °C Td (0 20 °C Td) ±2 °C Td (+70 0 °C Td) ±3 °C (-100 +70 °C Td)  Selectable units °C, °F  Measuring range -100 +20 °C Td = <240 sec (+90) +20 °C Td > -60 °C Td = <240 sec (+90) +20 °C Td > -20 °C Td = <30 sec (+94 l/min)  Oil vapor  Accuracy 5 % of value +/- 0.003 mg/m³  Resolution 0.001 mg/m³  Resolution 0.001 mg/m³  Resolution 0.001 mg/m³  Selectable units mg/m³  Measuring range 0.001 5.000 mg/m³  Sensor PID (Photoionisation detector)  UV lamp lifetime 1 year or 6000 working hours, whichever comes first  Sampling rate 1 sec.  Pressure  Accuracy 0.5 % FS  Measuring range 0.1 1.6 MPa(g)  Sensor Piezo resistive sensor  Temperature  Accuracy ±0.3 °C  Measuring range 0 + 50 °C  Sensor Pt100  Reference conditions		,	'		
Sensor Laser optical particle counter  Sampling rate 1 min.  Flow rate 2.83 l/min  Pressure Dew Point  Accuracy			•		
Sampling rate         1 min.           Flow rate         2.83 l/min           Pressure Dew Point           Accuracy         ± 1 °C Td (0 20 °C Td)           ± 2 °C Td (-70 0 °C Td)         ± 3 °C (-10070 °C Td)           Selectable units         °C, °F           Measuring range         -100 +20 °C Td           Sensor         QCM + Polymer           Response time (t90)         -20 °C Td -> -60 °C Td = < 240 sec           -60 °C Td -> -20 °C Td = < 30 sec	-		· · · · · · · · · · · · · · · · · · ·		
Flow rate         2.83 l/min           Pressure Dew Point           Accuracy         ± 1 °C Td (0 20 °C Td) ± 2 °C Td (-70 0 °C Td) ± 3 °C (-10070 °C Td)           Selectable units         °C, °F           Measuring range         -100 +20 °C Td           Sensor         QCM + Polymer           Response time (t90)         -20 °C Td -> -60 °C Td = < 240 sec           -60 °C Td > -20 °C Td = < 30 sec			ounter		
Pressure Dew Point  Accuracy  # 1 °C Td (0 20 °C Td) # 2 °C Td (-70 0 °C Td) # 3 °C (-10070 °C Td)  # 3 °C (-10070 °C Td)  Selectable units  C, °F  Measuring range  -100 +20 °C Td  Sensor  QCM + Polymer  Response time (t90)  -60 °C Td -> -60 °C Td = < 240 sec -60 °C Td -> -20 °C Td = < 30 sec @ 4 l/min  Oil vapor  Accuracy  5 % of value +/- 0.003 mg/m³  Detection limit  0.001 mg/m³  Selectable units  mg/m³  Measuring range  0.001 5.000 mg/m³  Sensor  PID (Photoionisation detector)  UV lamp lifetime  1 year or 6000 working hours, whichever comes first  Sampling rate  1 sec.  Pressure  Accuracy  0.5 % FS  Measuring range  0.1 1.6 MPa(g)  Sensor  Piezo resistive sensor  Temperature  Accuracy  4 0.3 °C  Measuring range  0 +50 °C  Sensor  Pti00  Reference conditions		1 min.			
## 1 °C Td (0 20 °C Td) ## 2 °C Td (-70 0 °C Td) ## 3 °C (-10070 °C Td) ## 3 °C (-10070 °C Td)  ## 3 °C (-10070 °C Td)  ## 3 °C (-10070 °C Td)  ## 3 °C (-10070 °C Td)  ## 40 °C Td  ## 50 °C Td  ## 50 °C Td -> -60 °C Td = < 240 sec ## 60 °C Td -> -20 °C Td = < 30 sec ## 4 l/min  ## 60 °C Td -> -20 °C Td = < 30 sec ## 4 l/min  ## 60 °C Td -> -20 °C Td = < 30 sec ## 70 °C Td -> -20 °C Td = < 30 sec ## 70 °C Td -> -20 °C Td = < 30 sec ## 70 °C Td -> -20 °C Td = < 30 sec ## 70 °C Td -> -20 °C Td = < 30 sec ## 70 °C Td -> -20 °C Td = < 30 sec ## 70 °C Td -> -20 °C Td = < 30 sec ## 70 °C Td -> -20 °C Td = < 30 sec ## 70 °C Td -> -20 °C Td = < 30 sec ## 70 °C Td -> -20 °C Td = < 30 sec ## 70 °C Td -> -20 °C Td = < 240 sec ## 70 °C Td -> -60 °C Td = < 240 sec ## 70 °C Td -> -60 °C Td = < 240 sec ## 70 °C Td -> -60 °C Td = < 240 sec ## 70 °C Td -> -60 °C Td = < 240 sec ## 70 °C Td -> -60 °C Td = < 240 sec ## 70 °C Td -> -60 °C Td = < 240 sec ## 70 °C Td -> -60 °C Td = < 240 sec ## 70 °C Td -> -60 °C Td = < 240 sec ## 70 °C Td -> -60 °C Td = < 240 sec ## 70 °C Td -> -60 °C Td = < 240 sec ## 70 °C Td -> -60 °C Td = < 240 sec ## 70 °C Td -> -60 °C Td = < 240 sec ## 70 °C Td -> -60 °C Td = < 240 sec ## 70 °C Td -> -60 °C Td = < 240 sec ## 70 °C Td -> -60 °C Td = < 240 sec ## 70 °C Td -> -60 °C Td = < 240 sec ## 70 °C Td -> -60 °C Td = < 240 sec ## 70 °C Td -> -60 °C Td = < 240 sec ## 70 °C Td -> -60 °C Td = < 240 sec ## 70 °C Td -> -60 °C Td = < 240 sec ## 70 °C Td -> -60 °C Td = < 240 sec ## 70 °C Td -> -60 °C Td -					
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# 3 °C (-10070 °C Td)  Selectable units °C, °F  Measuring range -100 +20 °C Td  Sensor QCM + Polymer  Response time (t90) -60 °C Td -> -60 °C Td = < 240 sec (-60 °C Td -> -20 °C Td = < 30 sec (-40 / min)  Oil vapor  Accuracy 5 % of value +/- 0.003 mg/m³  Petection limit 0.001 mg/m³  Resolution 0.001 mg/m³  Selectable units mg/m³  Measuring range 0.001 5.000 mg/m³  Sensor PID (Photoionisation detector)  UV lamp lifetime 1 year or 6000 working hours, whichever comes first  Sampling rate 1 sec.  Pressure  Accuracy 0.5 % FS  Measuring range 0.1 1.6 MPa(g)  Sensor Piezo resistive sensor  Temperature  Accuracy ± 0.3 °C  Measuring range 0 + 50 °C  Sensor Pt100  Reference conditions	Accuracy				
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Response time (t90) -20 °C Td -> -60 °C Td = < 240 sec -60 °C Td -> -20 °C Td = < 30 sec @ 4 l/min  Oil vapor  Accuracy 5 % of value +/- 0.003 mg/m³  Detection limit 0.001 mg/m³  Resolution 0.001 mg/m³  Measuring range 0.001 5.000 mg/m³  Sensor PID (Photoionisation detector)  UV lamp lifetime 1 year or 6000 working hours, whichever comes first  Sampling rate 1 sec.  Pressure  Accuracy 0.5 % FS  Measuring range 0.1 1.6 MPa(g)  Sensor Piezo resistive sensor  Temperature  Accuracy 4 0.3 °C  Measuring range 0 + 50 °C  Sensor Pt100  Reference conditions	Measuring range	-100 +20 °C Td			
tessor    Coll vapor	Sensor	QCM + Polymer			
Oil vapor  Accuracy 5 % of value +/- 0.003 mg/m³  Detection limit 0.001 mg/m³  Resolution 0.001 mg/m³  Selectable units mg/m³  Measuring range 0.001 5.000 mg/m³  Sensor PID (Photoionisation detector)  UV lamp lifetime 1 year or 6000 working hours, whichever comes first  Sampling rate 1 sec.  Pressure  Accuracy 0.5 % FS  Measuring range 0.1 1.6 MPa(g)  Sensor Piezo resistive sensor  Temperature  Accuracy ± 0.3 °C  Measuring range 0 + 50 °C  Sensor Pt100  Reference conditions		-20 °C Td -> -60 °C Td =	< 240 sec		
Accuracy 5 % of value +/- 0.003 mg/m³  Detection limit 0.001 mg/m³  Resolution 0.001 mg/m³  Selectable units mg/m³  Measuring range 0.001 5.000 mg/m³  Sensor PID (Photoionisation detector)  UV lamp lifetime 1 year or 6000 working hours, whichever comes first  Sampling rate 1 sec.  Pressure  Accuracy 0.5 % FS  Measuring range 0.1 1.6 MPa(g)  Sensor Piezo resistive sensor  Temperature  Accuracy ± 0.3 °C  Measuring range 0 + 50 °C  Sensor Pt100  Reference conditions	(t90)		< 30 sec		
Detection limit     0.001 mg/m³       Resolution     0.001 mg/m³       Selectable units     mg/m³       Measuring range     0.001 5.000 mg/m³       Sensor     PID (Photoionisation detector)       UV lamp lifetime     1 year or 6000 working hours, whichever comes first       Sampling rate     1 sec.       Pressure       Accuracy     0.5 % FS       Measuring range     0.1 1.6 MPa(g)       Sensor     Piezo resistive sensor       Temperature       Accuracy     ± 0.3 °C       Measuring range     0 + 50 °C       Sensor     Pt100       Reference conditions	Oil vapor				
Resolution 0.001 mg/m³  Selectable units mg/m³  Measuring range 0.001 5.000 mg/m³  Sensor PID (Photoionisation detector)  UV lamp lifetime 1 year or 6000 working hours, whichever comes first  Sampling rate 1 sec.  Pressure  Accuracy 0.5 % FS  Measuring range 0.1 1.6 MPa(g)  Sensor Piezo resistive sensor  Temperature  Accuracy ± 0.3 °C  Measuring range 0 + 50 °C  Sensor Pt100  Reference conditions	Accuracy	5 % of value +/- 0.003 mg/m³			
Selectable units mg/m³  Measuring range 0.001 5.000 mg/m³  Sensor PID (Photoionisation detector)  UV lamp lifetime 1 year or 6000 working hours, whichever comes first  Sampling rate 1 sec.  Pressure  Accuracy 0.5 % FS  Measuring range 0.1 1.6 MPa(g)  Sensor Piezo resistive sensor  Temperature  Accuracy ± 0.3 °C  Measuring range 0 + 50 °C  Sensor Pt100  Reference conditions	Detection limit	0.001 mg/m <sup>3</sup>			
Measuring range 0.001 5.000 mg/m³  Sensor PID (Photoionisation detector)  UV lamp lifetime 1 year or 6000 working hours, whichever comes first  Sampling rate 1 sec.  Pressure  Accuracy 0.5 % FS  Measuring range 0.1 1.6 MPa(g)  Sensor Piezo resistive sensor  Temperature  Accuracy ± 0.3 °C  Measuring range 0 + 50 °C  Sensor Pt100  Reference conditions	Resolution	0.001 mg/m <sup>3</sup>			
Measuring range 0.001 5.000 mg/m³  Sensor PID (Photoionisation detector)  UV lamp lifetime 1 year or 6000 working hours, whichever comes first  Sampling rate 1 sec.  Pressure  Accuracy 0.5 % FS  Measuring range 0.1 1.6 MPa(g)  Sensor Piezo resistive sensor  Temperature  Accuracy ± 0.3 °C  Measuring range 0 + 50 °C  Sensor Pt100  Reference conditions	Selectable units	mg/m <sup>3</sup>			
Sensor PID (Photoionisation detector)  UV lamp lifetime 1 year or 6000 working hours, whichever comes first  Sampling rate 1 sec.  Pressure  Accuracy 0.5 % FS  Measuring range 0.1 1.6 MPa(g)  Sensor Piezo resistive sensor  Temperature  Accuracy ± 0.3 °C  Measuring range 0 + 50 °C  Sensor Pt100  Reference conditions	Measuring range				
UV lamp lifetime 1 year or 6000 working hours, whichever comes first  Sampling rate 1 sec.  Pressure  Accuracy 0.5 % FS  Measuring range 0.1 1.6 MPa(g)  Sensor Piezo resistive sensor  Temperature  Accuracy ± 0.3 °C  Measuring range 0 + 50 °C  Sensor Pt100  Reference conditions					
Sampling rate 1 sec.  Pressure  Accuracy 0.5 % FS  Measuring range 0.1 1.6 MPa(g)  Sensor Piezo resistive sensor  Temperature  Accuracy ± 0.3 °C  Measuring range 0 + 50 °C  Sensor Pt100  Reference conditions	UV lamp lifetime	1 year or 6000 working	· · · · · · · · · · · · · · · · · · ·		
Pressure  Accuracy  0.5 % FS  Measuring range  0.1 1.6 MPa(g)  Sensor  Piezo resistive sensor  Temperature  Accuracy  ± 0.3 °C  Measuring range  0 + 50 °C  Sensor  Pt100  Reference conditions	Sampling rate				
Accuracy 0.5 % FS  Measuring range 0.1 1.6 MPa(g)  Sensor Piezo resistive sensor  Temperature  Accuracy ± 0.3 °C  Measuring range 0 + 50 °C  Sensor Pt100  Reference conditions					
Measuring range 0.1 1.6 MPa(g)  Sensor Piezo resistive sensor  Temperature  Accuracy ± 0.3 °C  Measuring range 0 + 50 °C  Sensor Pt100  Reference conditions		0.5 % FS			
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Accuracy $\pm 0.3 ^{\circ}\text{C}$ Measuring range $0 \dots + 50 ^{\circ}\text{C}$ Sensor Pt100  Reference conditions		T IEZO TESISTIVE SETISSI			
Measuring range 0 + 50 °C  Sensor Pt100  Reference conditions	•	±0.2 °C			
Sensor Pt100  Reference conditions	•				
Reference conditions					
1001317 20 0C / 1000 kDs					
1SO1217 20 °C / 1000 mPa	ISO1217	20 °C / 1000 hPa			

#### Signal / Interface & Supply

Fieldbus	
Protocol	Modbus/TCP
Update rate	1 / sec.
Alarm output	
Relay	2 x Changeover Relay (freely programmable)
Rating	230 VAC, 3A
Power Supply	
Voltage supply	100 240 VAC, 50/60 Hz
Current consumption	50 VA
Interface	
USB	USB Micro with OTG support

#### **General data**

Configuration	
Others	Device comes pre-configured Configuration can be done via on-screen touch
Display	
Integrated	Touchscreen, Size: 5", Resolution: 800 x 480 px
Data Logger	
Storage	Up to 3 million recorded data sets (10 channels each)
Material	
Process connection	Brass nickel-plated, FKM
Housing	Sheet steel, powder coated cabinet
Miscellaneous	
Electrical connection	AC Clamp Terminals, M12, RJ45
Protection class	IP55 (cover lid closed)
Approvals	CE
Process connection	Micro quick connector, full pass-through, male (1.5 m hose with coupling included)
Weight	15 kg
Operating conditions	
Medium	Compressed Air, Nitrogen N <sub>2</sub> , Carbon dioxide CO <sub>2</sub> (software setting)
Medium quality	ISO 8573-1: 4.5.4 or better
Medium temperature	0 + 50 °C
Medium humidity	Medium humidity < 40 % rH, no condensation
Operating pressure	0.3 1.5 MPa(g)
Ambient temperature	0 + 50 °C
Ambient humidity	0 90 % rH
Storage temperature	-10 + 50 °C
Transport temperature	-10 + 50 °C

## Ordering

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

S601 Stationary Compressed Air Purity Monitor				
Order No.	Description			
	S601 Stationary Compressed Air Purity Monitor Touch screen interface, data logger , metal cabinet for wall mounting Supply voltage 100 240 V AC, Inlet pressure 0.3 1.5 MPa			
D500 0601	Dew point measurement rig -100 +20 °C Td  2 m PTFE hose  1.5 m PTFE hose with quick connector  Purge unit for measuring point cleaning  USB OTG memory stick  S4A Software for logger read out and analysis  1 x PTFE hose adapter  Certificate of calibration			
Particle counter				
A1260	Integrated particle counter rig, 0.3 $<$ d $\leq$ 0.5 $\mu$ m, 0.5 $<$ d $\leq$ 1.0 $\mu$ m, 1.0 $<$ d $\leq$ 5.0 $\mu$ m, 2.83 l/min			
A1263	Integrated particle counter rig, 0.1 $<$ d $\leq$ 0.5 $\mu$ m, 0.5 $<$ d $\leq$ 1.0 $\mu$ m, 1.0 $<$ d $\leq$ 5.0 $\mu$ m, 2.83 l/min			
Oil vapor measurement				
A1267	Integrated oil vapor sensor rig, 0.001 5.000 mg/m³			

Ordering Example		
Example	S601 Stationary Compressed Air Purity Monitor, with Dew point measurement, Particle counter 0.1 < d $\leq$ 0.5 $\mu$ m, 0.5 < d $\leq$ 1.0 $\mu$ m, 1.0 < d $\leq$ 5.0 $\mu$ m and oil vapor sensor	
Order Code	D500 0601.A1263.A1267	