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# S605



O<sub>2</sub>, CO<sub>2</sub>, CO, H<sub>2</sub>O,  
Oil,



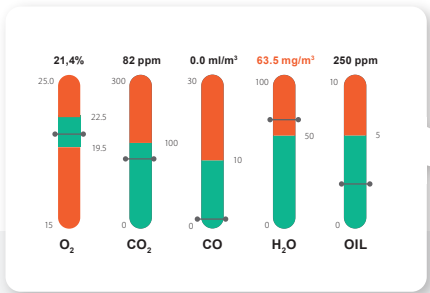
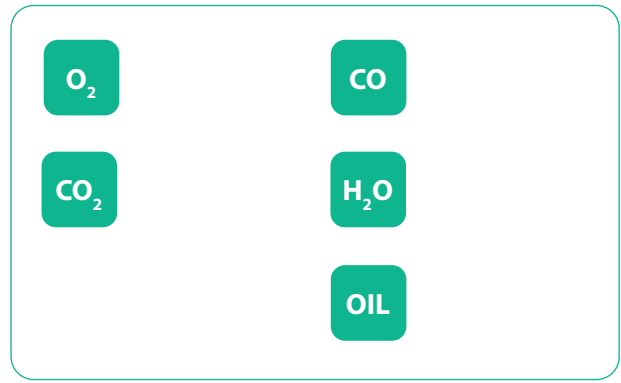
Modbus TCP/RTU,  
4G-



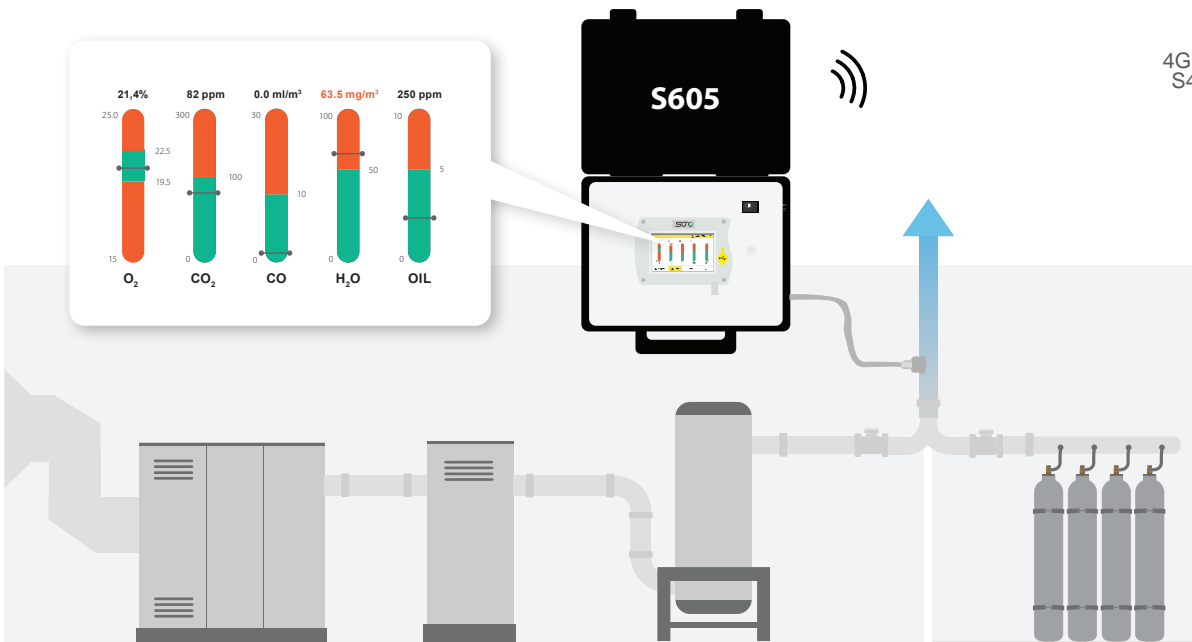
O<sub>2</sub>, CO<sub>2</sub>, CO,

SUTO S605  
CO<sub>2</sub>, CO,

O<sub>2</sub>,



4G  
S4A



O<sub>2</sub>

CO<sub>2</sub>

CO

H<sub>2</sub>O

OIL



1000 ppm,

O<sub>2</sub>

NDIR.

CO<sub>2</sub>.

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PDF

PDF

USB-

S605



CFR 1910.134(d).

EN 12021

S605

## Remote Connection

USB-  
S605

4G/LTE,

S4A.



### Measurement results

#### System / Measurement conditions

Medium Temperature [°C]: 31.0  
Medium Pressure [bar]: 5.62

#### Measurement information

Measurement started: 11:52:00 12. August 2022  
Measurement stopped: 13:26:00 12. August 2022  
Measurement duration: 01:34:00

#### Declared content of O<sub>2</sub> in %

Reference condition	Limit value (according EN 12021)	Measured value	Evaluation (according EN 12021)
20°C, 101.3 kPa	≥ 20	20.8	passed

#### Declared content of CO<sub>2</sub> in ppm

Reference condition	Limit value (according EN 12021)	Measured value	Evaluation (according EN 12021)
20°C, 101.3 kPa	≤ 500	117	passed

#### Declared content of CO in ppm

Reference condition	Limit value (according EN 12021)	Measured value	Evaluation (according EN 12021)
20°C, 101.3 kPa	≤ 5	2	passed

#### Declared content of H<sub>2</sub>O in mg/m<sup>3</sup>

Reference condition	Limit value (according EN 12021)	Measured value	Evaluation (according EN 12021)
20°C, 101.3 kPa	< 25	16	passed

#### Declared content of Oil vapour in mg/m<sup>3</sup>

Reference condition	Limit value (according EN 12021)	Measured value	Evaluation (according EN 12021)
20°C, 101.3 kPa	≤ 0.5	0.005	passed

#### Measurement equipment

BS EN 12021, DEF STAN 68-284, OSHA, CSA BS 8478,

	EN 12021	GB/T 31975-2015	CFR	CSA
O <sub>2</sub>	20 - 22 %	19.5 - 23.5 %	19.5 - 23.5 %	20 – 22 %
CO <sub>2</sub>	500 ppm	1000 mL/m <sup>3</sup>	1,000 ppm	500 ml/m <sup>3</sup>
CO	5 ppm	10 mL/m <sup>3</sup>	10 ppm	5 ml/m <sup>3</sup>
H <sub>2</sub> O	PDP: < -11 °C 1) H <sub>2</sub> O: <35 mg/m <sup>3</sup> 2) H <sub>2</sub> O: <25 mg/m <sup>3</sup>	ADP: -45.6 °C	---	---
VOC ( )	0.5 mg/m <sup>3</sup>	5.0 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>

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( )



<b>O<sub>2</sub></b>		
± 1 %	± 0,05 %	
0 ... 25 %		
0.1 %		
<b>CO<sub>2</sub></b>		
± 1 %	± 25 ppm	
0 ... 1000 ppm		
1 ppm		
NDIR-		
<b>CO</b>		
± 5 %	± 1 ppm	
0 ... 20 ppm		
0.1 ppm		
<b>H<sub>2</sub>O</b>		
± 2 °C Td		
-100 ... +20 °C Td / 0 ... 17458.6 mg/m <sup>3</sup>		
0.1 °C Td		
QCM +		
5 %	± 0,003 / <sup>3</sup>	
0.001 ... 5.000 mg/m <sup>3</sup>		
( 1000 hPa(a), 20 °C, 0 % )		
0.001 / <sup>3</sup>		
<b>H<sub>2</sub>O</b>		
15 %	± 0,1 / <sup>3</sup>	
0.0 ... 5.0 mg/m <sup>3</sup>		
( 1000 hPa(a), 20 °C, 0 % )		
0.1 / <sup>3</sup>		
<b>Relative Humidity</b>		
0.5 % FS		
0 ... 16 ( )		
0.01		
<b>Communication</b>		
Modbus/RTU (RS485)		
Modbus/TCP (Ethernet)		
1/ .		

<b>Power</b>		
20 VDC, 45 W max.		
2,2		
<b>(AC/DC)</b>		
:	100 ... 240 VAC, 50/60 Hz, 1.8 A	
:	20 VDC, 3.25 A, 65 W max.	
USB	USB Micro	OTG
4G/LTE USB	USB	4G/LTE
<b>Dimensions</b>		
5-		
( 3 10 )		
<b>Documentation</b>		
	PDF	
		6
<b>Connectivity</b>		
M12, USB-C, RJ45		
IP54		
6		
470 x 365 x 181		
11		
<b>EMC</b>		
EMC	FCC, CE	
<b>Environmental</b>		
6 / @4 ( ),		
1 /		
0 ... +45 °C		
< 40 % rH,		
0,4 ... 1,5 ( ),		
35		
0 ... +50 °C		
0 ... 90 % rH		
-10 ... +50 °C		
-10 ... +50 °C		

## S605

P560 0605	S605-I		PDF ( )*
P560 1605	S605-C		PDF ( )*
A1670	USB-	4G,	S4A
*	:		
-	USB OTG		
-		USB Type-C	( 60 20 /3,25 )
-	M12	1,5	-
-			
-			

A604 0001	/
A604 0004	0-30 , 0,6 , .

R200 0605	S605	O <sub>2</sub> , CO <sub>2</sub> , CO,
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### Exchange sensors

R200 0620	S605/S606
R200 0621	CO <sub>2</sub> S605/S606
R200 0622	O <sub>2</sub> S605/S606
R200 0623	S605/S606
R200 0624	S605/S606
R200 0625	S605/S606

