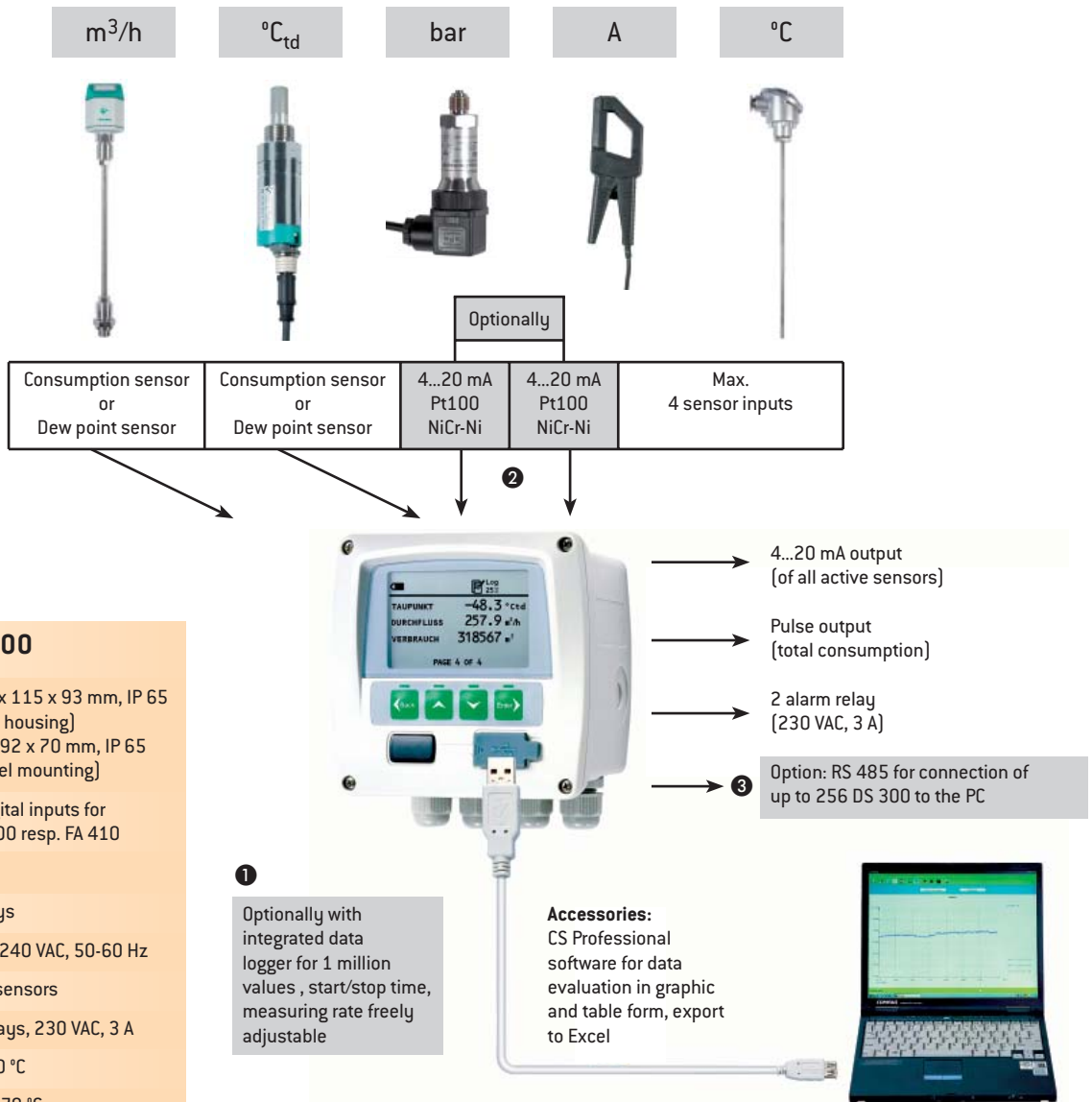




Dew point Pressure Current Temperature

DS 300 multifunction measuring instrument for all relevant parameters for compressed air



Technical data DS 300	
Dimensions:	118 x 115 x 93 mm, IP 65 (wall housing) 92 x 92 x 70 mm, IP 65 (panel mounting)
Inputs:	2 digital inputs for VA 400 resp. FA 410
Interface:	USB
Keypad:	4 keys
Power supply:	100-240 VAC, 50-60 Hz
Accuracy:	see sensors
Alarm outputs:	2 relays, 230 VAC, 3 A
Operating temp.:	0...50 °C
Transport temperature:	-20...70 °C
OPTIONS	
Data logger:	1 million meas. values start/stop time, meas. rate freely adjustable
RS 485 interface:	up to 256 x DS 300 connectable, evaluation at the PC in graph. and table form by means of CS Soft software
2 additional sensor inputs:	for connection of pressure sensors, temperature sensors, clamp-on ammeters, third-party sensors with 4...20 mA

Description	Order no.
DS 300 multifunction measuring instrument with 2 inputs for consumption and dew point sensors (without sensors)	0500 3000
Option ① Integrated data logger for 1 million measured values	Z500 3001
Option ② 2 additional sensor inputs for connection of pressure sensors, temperature sensors, clamp-on ammeters, third-party sensors 0...10 V, Pt100, Ni-CrNi	Z500 3003
Option ③ RS 485 interface for connection of up to 256 DS 300 instruments	Z500 3002
CS Soft Professional software for data evaluation in graphic and table form including USB cable	0554 7010
CS Soft Professional software RS 485, software for data evaluation in graphic and table form with RS 485/USB adapter and USB cable	0554 7020

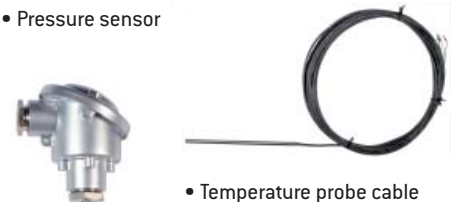


Dew point  Pressure  Current  Temperature 

DS 300 multifunction measuring instrument

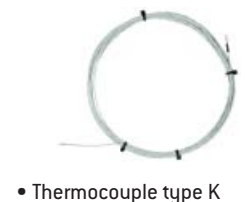
Suitable probes at a glance

Description	Order no.
Consumption probes:	
VA 400 consumption probe in basic version: Standard (92.7 m/s), probe length 220 mm, without display	0695 4001
Options for VA 400:	
Max. version (185 m/s)	Z695 4003
HighSpeed version (224 m/s)	Z695 4002
Probe length 120 mm	ZSL 0120
Probe length 160 mm	ZSL 0160
Probe length 300 mm	ZSL 0300
Probe length 400 mm	ZSL 0400
Dew point sensors:	
FA 410 dew point sensor, -80...20°Ctd including inspection certificate	0699 0410
FA 410 dew point sensor, -20...50°Ctd including inspection certificate	0699 0412
Connection cables for VA 400, FA 410:	
Connection cable, length: 5 m, to DS 300	0553 0104
Connection cable, length: 10 m, to DS 300	0553 0105
Connection cable, length: 5 m, with ODU plug to DS 300 mobile version	0553 0111
Pressure sensors:	
Precision pressure sensor CS 16, 0...16 bar, ± 0.5 % accuracy of full scale	0694 3555
Precision pressure sensor CS 40, 0...40 bar, ± 0.5 % accuracy of full scale	0694 3930
Precision pressure sensor CS 1.6 absolute, 0...1.6 bar abs., ± 0.5 % accuracy of full scale	0694 3550
Standard pressure sensor CS 16, 0...16 bar, ± 1 % accuracy of full scale	0694 1886
Standard pressure sensor CS 40, 0...40 bar, ± 1 % accuracy of full scale	0694 0356
Standard pressure sensor CS 1.6 absolute, 0...1.6 bar abs., ± 1 % accuracy of full scale	0694 3551
Connection cables for pressure sensors:	
Connection cable, length: 5 m, to DS 300	0553 0108
Connection cable, length : 10 m, to DS 300	0553 0109
Connection cable, length: 5 m, with ODU plug to DS 300 mobile version	0553 0110
Temperature probes:	
Screw-in temperature probe Pt 100, Class A, length 300 mm, Ø 6 mm, with measuring transducer 4...20 mA = 50...+500 °C (2-wire technology)	0693 0002
Indoor/outdoor temperature probe Pt 100, Class A	0604 0101
Indoor/outdoor temperature probe Pt 100, Class A with measuring transducer 4...20 mA = 50...+100 °C (2-wire technology)	0693 0001
Connection cables for temperature probes:	
Connection cable, length: 5 m, to DS 300	0553 0108
Connection cable, length: 10 m, to DS 300	0553 0109
Connection cable, length: 5 m, with ODU plug to DS 300 mobile version	0553 0110
Temperature probe cable Pt 100, Class A, length 300 mm, Ø 6 mm, 5 m probe connection cable with open ends	0604 0102
Temperature probe cable Pt 100, Class A, length 150 mm, Ø 6 mm, 5 m probe connection cable with open ends	0604 0100
Thermocouple type K (NiCr-Ni), Class 1, length 5 m	0604 0103
Clamp screwing 6 mm, G 1/2", PTFE clamping ring, pressure-tight up to 6 bar	0554 6003
Clamp screwing 6 mm, G 1/2", VA clamping ring, pressure-tight up to 10 bar	0554 6004
Clamp-on ammeters:	
Clamp-on ammeter 0...500 A AC incl. 5 m connection cable with open ends	0554 0503



• Screw-in temperature probe

• Indoor/outdoor temperature probe



• Clamp-on ammeter



• Clamp screwing