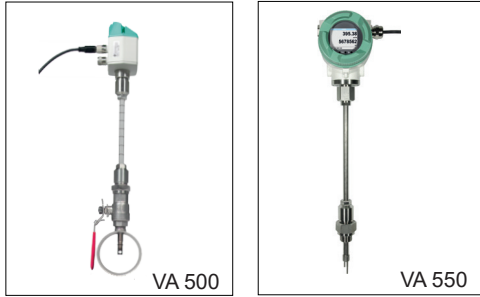




Suitable sensors for DS 500 mobile, DS 400 mobile, PI 500, DP 510, LD 510

Flow meters for installation and removal under pressure (insertion type)



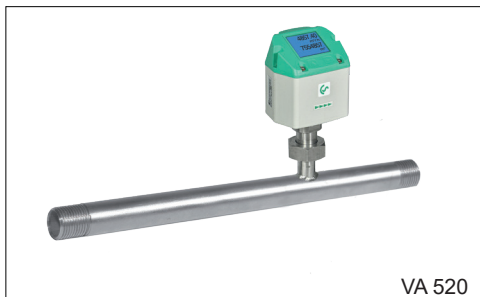
FLOW METERS INSERTION-VERSION

- VA 500 flow meter, max. version (607 ft/s), probe length 220 mm, incl. 16 ft connection cable to mobile devices
- VA 500 flow meter, high-speed version (735 ft/s), probe length 220 mm, incl. 16 ft connection cable to mobile devices
- VA 550 Flow meter, measuring head in robust aluminum die casting housing

ORDER NO.

- 0695 1124
- 0695 1125
- 0695 0550
+ order code
A_...M..._

Inline flow meter

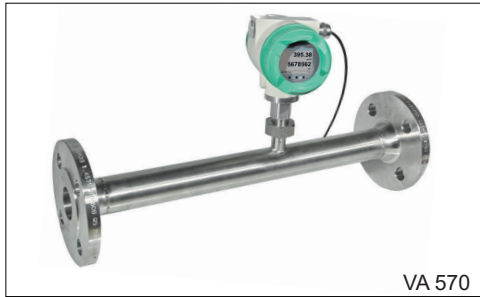


FLOW METERS INLINE VERSION

- Flow meter VA 520 with integrated measuring section, (R 1/4")
- Flow meter VA 520 with integrated measuring section, (R 1/2")
- Flow meter VA 520 with integrated measuring section, (R 3/4")
- Flow meter VA 520 with integrated measuring section, (R 1")
- Flow meter VA 520 with integrated measuring section, (R 1 1/4")
- Flow meter VA 520 with integrated measuring section, (R 1 1/2")
- Flow meter VA 520 with integrated measuring section, (R 2")
- Inline flow meter VA 570 with integrated 1/2" measuring section

ORDER NO.

- 0695 0520
- 0695 0521
- 0695 0522
- 0695 0523
- 0695 0526
- 0695 0524
- 0695 0525
- 0695 0570
+ order code
A_...K_
- 0695 0571
- 0695 0572
- 0695 0573
- 0695 0574
- 0695 0575



DEW POINT SENSORS

- FA 510 dew point sensor, -112 to 68 °Ftd incl. measuring chamber mobile and 16 ft connection cable to mobile devices
- FA 510 dew point sensor, -4...122 °Ftd incl. measuring chamber mobile and 16 ft connection cable to mobile devices

ORDER NO.

- 0699 1510
- 0699 1512

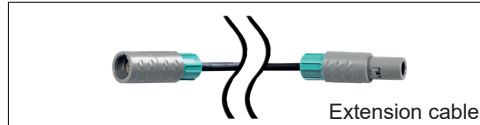
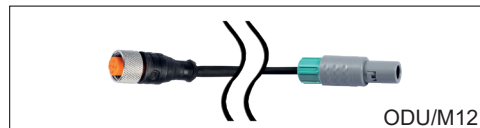


CONNECTION CABLE FOR VA 500/520 AND FA 510 SENSORS

- Connection cable for VA / FA sensors to mobile devices, ODU/M12, 16 ft
- Extension cable for mobile instruments, ODU / ODU, 32 ft

ORDER NO.

- 0553 1503
- 0553 0504



CALIBRATION CERTIFICATES FOR FLOW METERS AND DEW POINT SENSORS

- 5 point precision calibration for flow sensors incl. ISO certificate
- Precision calibration at -40 °Ftd with ISO certificate

ORDER NO.

- 3200 0001
- 0699 3396



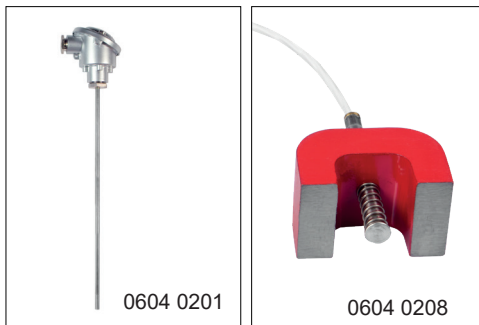
Suitable sensors for DS 500 mobile, DS 400 mobile, PI 500, DP 510, LD 510



PRESSURE PROBES WITH 4...20 mA ANALOG OUTPUT	± 1%	± 0,5%
	ACCURACY	ACCURACY
Standard pressure probe CS 16, 0...232 psi 1/4" NPT	0694 6001	0694 6002
Standard pressure probe CS 40, 0...580 psi 1/4" NPT	0694 6003	0694 6004
Standard pressure probe CS 100, 0...1450 psi 1/4" NPT		0694 6005
Standard pressure probe CS 250, 0...3625 psi 1/4" NPT		0694 6006
Standard pressure probe CS 400, 0...5800 psi 1/4" NPT		0694 6007
Precision pressure probe CS -14.5...+217 psi, ± 0.5 % accuracy of. f.s.		0694 3553
Differential pressure probe 123 psi diff.		0694 3561
Calibration certificate pressure, 5 calibration points for the whole measuring range		3200 0004
BSP available upon request		



DIGITAL PRESSURE SENSORS	± 1%	± 0,5%
	ACCURACY	ACCURACY
Digital pressure probe DPS 16, 0...232 psi RS 485, G 1/2"	0694 2886	0694 4555
Digital pressure probe DPS 16, 0...232 psi RS 485, NPT 1/2"	0694 3886	0694 5555



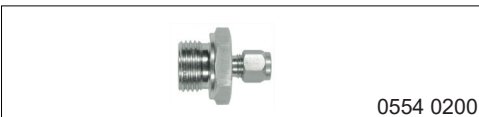
0604 0201

0604 0208

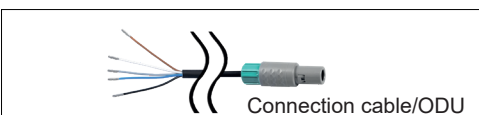
TEMPERATURE SENSORS	ORDER NO.
Bendable temperature sensor PT 100 (2-wire) class B, length: 11.81 inch, d=0.11 inch, -94...1022 °F, connection cable 2 m PFA with ODU plug (8-pin) to mobile devices	0604 0200
Screw-in temperature sensor PT 100 class A, length 11.81 inch, d = 0.24 inch, with measuring transducer 4...20 mA = -94...1022 °F (2-wire)	0604 0201
Cross-band surface probe 32...356 °F, thermocouple type K with measuring transducer 4...20 mA output, 6.56 ft cable PVC with ODU plug (8-pole) to mobile devices	0604 0202
Cable temperature sensor PT 100 class A (4-wire), length: 11.81 inch, d = 0.24 mm, -94...500 °F, 16 ft connection cable PFA with open ends	0604 0205
Cable temperature sensor PT 100 class A (4-wire), length: 3.94 Inch mm, d = 0.24 ft, -94...500 °F, 16 ft connection cable PFA with open ends	0604 0206
Cable temperature sensor PT 100 class A (4-wire), length: 7.87 inch, d = 0.24 ft, -70...-94...500 °F, 16 ft connection cable PFA with open ends	0604 0207
Magnetic surface temperature sensor, holding magnet 1.54 x 1.02 x 0.98 Inch, PT 100 class B (2-wire), -22...356 °F, 16 ft connection cable PFA with open ends	0604 0208
Compression fitting: 0.24 ft, G 1/2" PTFE clamping ring pressure-tight up to 145 psi. Material: stainless steel, application area: max. 500 °F	0554 0200
Compression fitting: 0.24 ft; G 1/2" stainless steel clamping ring. Pressure-tight up to 232 psi, material: stainless steel, application area: max. + 500 °F	0554 0201
Calibration certificate temperature, 2 calibration points	0520 0180



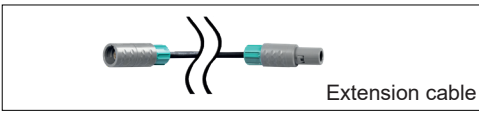
0604 0205



0554 0200



Connection cable/ODU



Extension cable

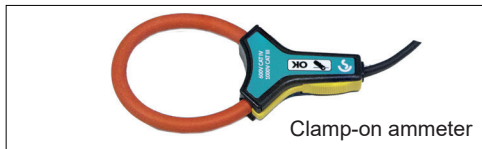


ODU connector

CONNECTION CABLES FOR PRESSURE SENSORS / TEMPERATURE SENSORS	ORDER NO.
Connection cable for pressure, temperature or third-party sensors on mobile devices, ODU/open ends, 16 ft	0553 0501
Connection cable for pressure, temperature or third-party sensors on mobile devices, ODU/open ends, 32 ft	0553 0502
Extension cable for mobile instruments, ODU / ODU, 32 ft	0553 0504
ODU plug for connection to mobile devices	Z604 0104



Suitable sensors for DS 500 mobile, DS 400 mobile, PI 500, DP 510, LD 510



Clamp-on ammeter

CLAMP-ON AMMETERS

- Clamp-on ammeter 0...1000 A TRMS incl. 10 ft connection cable
- Clamp-on ammeter 0...400 A TRMS incl. 10 ft connection cable

ORDER NO.

- 0554 0519
- 0554 0511

Suitable sensors for DS 500 mobil, DS 400 mobil, PI 500



CURRENT/EFFECTIVE POWER METER

- CS PM 600 mobile current/effective power meter up to 100 A**
- CS PM 600 mobile current/effective power meter up to 600 A**

ORDER NO.

- 0554 5341
- 0554 5342

- Mobile current/effective power meter with 3 external current transformers for big machines and systems
- External current transformers for encompassing the phases (100 A or 600 A)
- External magnetic measuring tip for picking off the voltage – measures kW, kWh, Power Factor, Var, kVA
- Data transfer to DS 500 mobile / DS 400 mobile via Modbus
- Incl. connection cable for mobile current/effective power meter, 16 ft

Current transformer 100A/1A consisting of 3 transformers for mobile instruments

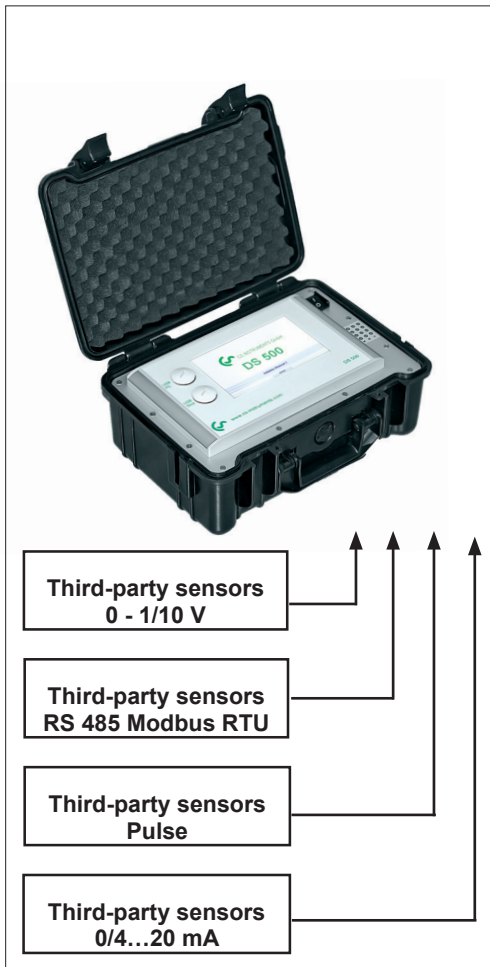
Z554 0001

Current transformer 600A/1A consisting of 3 transformers for mobile instruments

Z554 0002

Current transformer 1000A/1A consisting of 3 transformers for mobile instruments

Z554 0003



ANY THIRD-PARTY SENSOR CONNECTABLE

Additionally, any third-party sensors with the following signal outputs can be connected:

- 4-20 mA
- 0-20 mA
- 0-1 V/0-10 V/0-30 V
- Pt 100 (2- or 3-wire)
- Pt 1000 (2- or 3-wire)
- Pulse outputs (e. g. of gas meters)
- Frequency output
- Modbus protocol