



Chart recorder / Logger

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)



VA 500



VA 550

FLOW METERS INSERTION-VERSION

VA 500 flow meter, max. version (185 m/s), probe length 220 mm, incl. 16 ft. connection cable to mobile devices

VA 500 flow meter, high-speed version 224 m/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



VA 520



VA 570

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_

Inline Flow meter VA 570 with integrated 3/4" measuring section

Inline Flow meter VA 570 with integrated 1" measuring section

Inline Flow meter VA 570 with integrated 1 1/4" measuring section

Inline flow meter VA 570 with integrated 1 1/2" measuring section

Inline Flow meter VA 570 with integrated 2" measuring section

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.

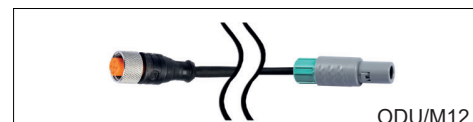
ORDER NO.

0553 1503

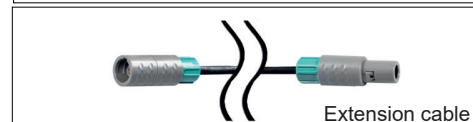
0553 0504



FA 510



ODU/M12



Extension cable

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





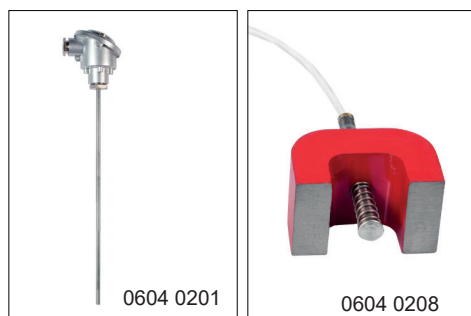
Suitable sensors for DS 500 mobile, DS 400 mobile, PI 500, DP 510, LD 510



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

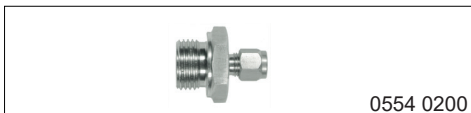


0604 0201

0604 0208

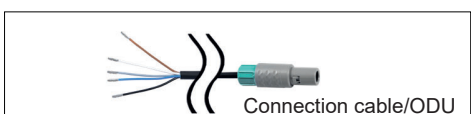


0604 0205

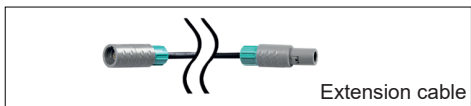


0554 0200

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



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



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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 mobile, DS 400 mobile, PI 500



CURRENT/EFFECTIVE POWER METER

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

0554 5341

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

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, cos phi, 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

