

**MAC3 - Pressure Sensor**

General features	
<b>Cable</b>	<b>PVC Ø 7.8 mm</b>
<b>Standard cable length</b>	<b>20 mt.</b> Other cable lengths on request
Dimensions	75 x 28 mm
Operating temperature	0 ÷ +50 °C
Accuracy (including linearity, hysteresis and repeatability)	± 1,5% f.s. without calibration certificate *
	± 0,2% f.s. with calibration certificate *
Long term stability	± 0,3% f.s. / year *
Temperature zero shift	± 0,02% f.s. / °C
Temperature span	± 0,01% f.s. / °C
Max. overpressure	3 times the max measurable pressure
Note	Can be used with all systems that have voltage or current input 12 V-. * Data referred to 25 °C

**SUBMERSIBLE SENSORS**
**3 WIRE TENSION OUTPUT**

Supply voltage	8 ÷ 30V-			
Output	0,5 ÷ 4,5 V-		Rt = 10K OHM	
Installation	Submersible and external			
Max. measurable pressure	1 BAR	2 BAR	5 BAR	10 BAR
Sensitivity	4mV/mBar	2mV/mBar	0,8mV/mBar	0,4mV/mBar
<b>Stainless steel (AISI316) housing</b>	cod. USA01V3M10	cod. USA02V3M10	cod. USA05V3M10	cod. USA10V3M10
<b>Brass housing</b>	cod. USB01V3M10	cod. USB02V3M10	cod. USB05V3M10	cod. USB10V3M10

**2 WIRE CURRENT OUTPUT**

Supply voltage	15 ÷ 30V- 20mA max			
Output	4÷20 mA		Rt = 100+500 OHM	
Installation	Submersible and external			
Max. measurable pressure	1 BAR	2 BAR	5 BAR	10 BAR
Sensitivity	16mA/Bar	8mA/Bar	3,2mA/Bar	1,6mA/Bar
<b>Stainless steel (AISI316) housing</b>	cod. USA01A2M10	cod. USA02A2M10	cod. USA05A2M10	cod. USA10A2M10
<b>Brass housing</b>	cod. USB01A2M10	cod. USB02A2M10	cod. USB05A2M10	cod. USB10A2M10

**2 WIRE CURRENT OUTPUT**

Supply voltage	15 ÷ 30V- 20mA max			
Output	4÷20 mA		Rt = 100+500 OHM	
Installation	Submersible and external			
Max. measurable pressure	1 BAR	2 BAR	5 BAR	10 BAR
Sensitivity	16mA/Bar	8mA/Bar	3,2mA/Bar	1,6mA/Bar
<b>Stainless steel (AISI316) housing</b>	cod. USA01A2M10	cod. USA02A2M10	cod. USA05A2M10	cod. USA10A2M10
<b>Brass housing</b>	cod. USB01A2M10	cod. USB02A2M10	cod. USB05A2M10	cod. USB10A2M10

**3 WIRE CURRENT OUTPUT**

Supply voltage	15 ÷ 20V- 30mA max			
Output	4 ÷ 20 mA		Rt = 250 OHM max	
Installation	Submersible and external			
Max. measurable pressure	1 BAR	2 BAR	5 BAR	10 BAR
Sensitivity	16mA/Bar	8mA/Bar	3,2mA/Bar	1,6mA/Bar
<b>Stainless steel (AISI316) housing</b>	cod. USA01A3M10	cod. USA02A3M10	cod. USA05A3M10	cod. USA10A3M10
<b>Brass housing</b>	cod. USB01A3M10	cod. USB02A3M10	cod. USB05A3M10	cod. USB10A3M10

**EXTERNAL SENSORS \*\***
**3 WIRE TENSION OUTPUT**

Supply voltage	8 ÷ 30V-			
Output	0,5 ÷ 4,5 V-		Rt = 10K OHM	
Installation	External only			
Max. measurable pressure	1 BAR	2 BAR	5 BAR	10 BAR
Sensitivity	4mV/mBar	2mV/mBar	0,8mV/mBar	0,4mV/mBar
<b>Stainless steel (AISI316) housing</b>	cod. UEA01V3000	cod. UEA02V3000	cod. UEA05V3000	cod. UEA10V3000
<b>Brass housing</b>	cod. UEB01V3000	cod. UEB02V3000	cod. UEB05V3000	cod. UEB10V3000

**2 WIRE CURRENT OUTPUT**


Supply voltage	15 ÷ 30V- 20mA max			
Output	4÷20 mA		Rt = 100+500 OHM	
Installation	External only			
Max. measurable pressure	1 BAR	2 BAR	5 BAR	10 BAR
Sensitivity	16mA/Bar	8mA/Bar	3,2mA/Bar	1,6mA/Bar
<b>Stainless steel (AISI316) housing</b>	cod. UEA01A2000	cod. UEA02A2000	cod. UEA05A2000	cod. UEA10A2000
<b>Brass housing</b>	cod. UEB01A2000	cod. UEB02A2000	cod. UEB05A2000	cod. UEB10A2000

**3 WIRE CURRENT OUTPUT**

Supply voltage	15 ÷ 20V- 30mA max			
Output	4 ÷ 20 mA		Rt = 250 OHM max	
Installation	External only			
Max. measurable pressure	1 BAR	2 BAR	5 BAR	10 BAR
Sensitivity	16mA/Bar	8mA/Bar	3,2mA/Bar	1,6mA/Bar
<b>Stainless steel (AISI316) housing</b>	cod. UEA01A3000	cod. UEA02A3000	cod. UEA05A3000	cod. UEA10A3000
<b>Brass housing</b>	cod. UEB01A3000	cod. UEB02A3000	cod. UEB05A3000	cod. UEB10A3000

**\*\* From January 2004**
**MAC3 - Pressure Sensor for Sensopress**

		General features	
Stainless steel (AISI 316) Housing	Code. UA01V32001	Operating temperature	0 ÷ +50 °C
Brass Housing	Code. UB01V32001	Cable	PVC Ø 7.8 mm
Supply voltage	Derived from Sensopress	Dimensions	75 x 28 mm
Output	0,5 ÷ 4,5 V-	Standard cable length	20 mt. (Other cable lengths on request)
Installation	Submarine	Pressure	0,1 %
Max. measurable pressure	1 BAR	Hysteresis	± 0,1% f.s. /°C
		Max. overpressure	3 times the max measurable pressure


**Electronic Regulators**
**MAC3 - Pressure Sensor for MWRC2**

		General features	
Stainless steel (AISI 316) Housing	Code USAP3V4D10	Operating temperature	0 ÷ +50 °C
Brass Housing	Code USBP3V4D10	Cable	PVC Ø 7.8 mm
Supply voltage	8-30V-	Dimensions	75 x 28 mm
Output	0,2 ÷ 3,2 V-	Standard cable length	6 mt. (Other cable lengths on request)
Installation	Submarine	Pressure	0,1 %
Max. measurable pressure	0,3 BAR	Hysteresis	± 0,1% f.s. /°C
		Max. overpressure	3 times the max measurable pressure