

Multi-Parameter Probes Series 2001: Sensors

This brochure shows sensors of our own manufacturing as well as OEM-products selected from the worldwide offer and adapted for the multi parameter probes of the Series 2001 (Fig. approximately at half size). These are proved standard solutions which lead to relatively budget friendly probe prices.

Except for the current sensor that is combined firmly with the sensor flange in the probes version S 2001compact, all other sensors are attached to the flange via the S-2001 mating system.

The specified data are default values; modified specifications are possible in some cases. In addition, the concept of the Series 2001 allows it to integrate further sensors needed in special applications. A connection via cable and plug to the sensor flange should be possible at least. Please, contact us if those whishes exist.

Paran Meas	neter/ Range/ uring Principle	Accura	cy/ Res	olution/	Time C	onstant		
Curren Inductiv 2 axes 1000 m	ent ive (electro-magnetic) s disk sensor n depth rated		± 3 m/s ± 1 % (max. ± 5 m/s)		0.05 %	≈ 0.1 sec		
Comp FluxGa (data in	pass (2 axes) ate-Magnetometer (internal, without fig.) n the calibration level)		0 360° ± 4°		0.5°	≈ 0.1 sec		
Comp Magnet with a 2	pass (3 axes) eto-resistive magnetometer (internal) a 2 axes inclination sensor (without fig.)		0360° ± 1.5° (3°) ± 30° (± 60°)		0.1°	≈ 8 Hz (Rate)		
Tempo Pt1000	erature (inside the sensor flange; witho	ut fig.)	-2+38	±0.05°C	0.01°C	≈ 600 sec		
Press Piezo-r absolut depth d	ure esistive e pressure sensor lepending on range	2/5/10/20	/50 or 100 optional:)bar ± 0.5% ± 0.1 %	% 0.02%	≈ 0.1 sec		
Condu 7-electr Pt1000	rodes quartz-glass cell (1000 m depth rated)	1.2/12/60	mS/cm -2+38	±0.1 % ±0.05°C	0.01 % 0.01°C	≈ 0.2 sec 25/2/0.2sec		1.1
Condu 4-electr 1000 m	uctivity rodes conductivity cell n depth rated	1.2/12/60	mS/cm	±0.2 %	0.01 %	≈0.2 sec	Contraction of the second	2
Tempo Pt1000 1000 m	e rature (S-2001 plug; without fig.) a depth rated		-2+38	±0.05°C	0.01°C	≈10 sec		
pH One-rowith ge Longer	d measuring system I electrolyte (60 m depth rated) standard electrodes with S7 cor	nnector are	2 12 ± e available	0.05 pH e too (10 m	0.01 pH depth rat	≈10 sec ed).		
ORP One-roo with do Longer	d measuring system (60 m depti uble-chamber reference system standard electrodes with S7 cor	h rated) nnector are	-1+1 V : e available	± 0.002 V e too (10 m	0.001 V n depth rat	≈10 sec ed).		 ł
D.O. s Membra with bu 1000 m	aturation ane-covered galvanic cell ilt-in temperature compensation depth rated (pressure compens	sated)	0200 %	%	0.1 %	≈10 sec		•
Turbic Optical 1000 m	lity stray-light detector (880nm) depth rated	20/100/40 (Formaziı	00/750 FT n Turbidity	'U ±2 % / Units)	0.025 %	0.1 sec		=



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