

AR401

Submersible Pressure Sensor



FEATURES

- ▶ Compact submersible pressure sensor
- ▶ 0–5,000 psi measurement (standard)
- ▶ 2,000m–rated, corrosion-resistant, 316 stainless steel housing
- ▶ Suitable for use in 3,000psi hydraulic systems or ambient depth measurement
- ▶ Wide input supply
- ▶ Analog output standard; serial optional

Technical specifications on reverse

Technical Specs

AR401

PARAMETER	AR401
Model Number	AR401
Depth Rating	2,000m (6,600ft)
Input Voltage	8–30VDC
Max Current Draw @ 24VDC	10mA
Output	1–5VDC (standard); serial RS232 or RS485 optional
Measurement Range	0–5,000psi (standard)
Hydraulic System Pressure Rating	3,000psi (internal pressure above ambient)
Sensor Diaphragm Material	17–4PH stainless steel
Housing Material	316 stainless steel
Pressure Port Thread	7/16" -20 UNF or 1/4" -18 NPT (standard)
Size	163mm L x 33mm dia.
Weight	500g (in air); 300g (in saltwater)
Operating Temperature	-10°C–40°C
Wiring Pinout (MCBH6M Connector)	1: GND; 2: +V; 3: Analog 1–5V out; 4: Serial RX (optional); 5: Serial TX (optional); 6: N/C

