



arctic rays

AR401

Submersible Pressure Sensor

FEATURES

- ▶ Compact Submersible Pressure Sensor
- ▶ 0-5000 psi measurement (standard)
- ▶ 2000m-rated, corrosion-resistant 316 Stainless Steel housing
- ▶ Suitable for use in 3000psi hydraulic systems or ambient depth measurement
- ▶ Wide input supply
- ▶ Analog output standard. Serial optional.



| PARAMETER | SPECIFICATION |
|----------------------------------|---|
| Model Number | AR401-2K |
| Depth Rating | 2000m (6600ft) |
| Input Voltage | 8 – 30Vdc |
| Max current draw @24V DC | 10mA |
| Output | 1-5Vdc (standard). Serial RS232 or RS485 optional. |
| Measurement Range | 0-5000 psi (standard) |
| Hydraulic system pressure rating | 3000 psi |
| 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 (air), 300g (sw) |
| Operating Temp. | -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 |

