

Product Specification of:

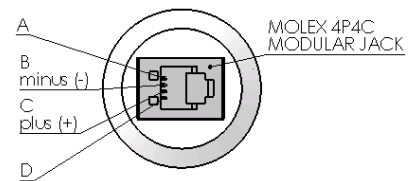
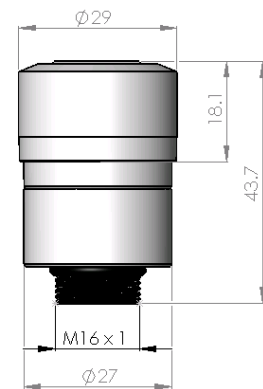
O₂ - Scuba Diving Sensor**Type: D-07**

Part. No.: 41 00 57

Key Features: galvanic fuel cell featuring an extra water repellent head space and built-in NTC, fits to Teledyne TED 60

All characteristics are based on conditions at 25°C, 50% RH and 1013 hPa

Electrical Connector:	RJ11 modular plug 4P4C
Measurement Range:	0 to 100 Vol. %
Nominal Sensor Life:	> 500 000 Vol. % h
Expected Operating Life:	< 3 years @ ambient air
Response Time t_{90} :	< 12 s
Drift:	< 1% volume O ₂ / month @ air
Operating Temperature:	0 to 45°C
Pressure Range:	600 to 1750 hPa
Linearity Error:	< 2% of full scale @ const. pressure, temperature
Zero Offset Voltage:	< 200 μ V in 100% N ₂ , applied for 5 min
Influence of Humidity:	-0.03% rel. O ₂ reading per % RH
Temperature Compensation:	NTC on separated circuit
Interferences:	none to He, H ₂ and CO

Tolerance: \pm 0.15 mm**Storage Conditions**

Temperature Range:	recommended: 5 to 30°C maximum: - 20 to 50°C
Ambient Pressure:	600 to 1750 hPa
Humidity:	up to 100% RH
Shelf Life:	< 6 months
Weight:	approximately 28 g
Material in contact with media:	PA, PPS, PTFE, stainless steel
Warranty Period:	12 months
Housing Color:	white

This data sheet is subject to change without prior notice!

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