

**Polarographic sensor, with replaceable cap for membrane support, pressure compensated.
Negligible stirring effect, pump is not needed.**

Technical specifications:

Type: polarographic sensor with platinum-iridium cathode and silver anode (99.99%)

Output current: typical 60 +/- 15 nA in air @ 20°C (green membrane).

Zero output current: less than 50 pA, with nitrogen.

Polarization voltage: 650 mV DC.

Range: 0 .. 50 ppm O₂.

Drift: 5%/month typical.

Response time: 3 s (green membrane @ 20°C).
0.9 s (blue membrane @ 20°C)

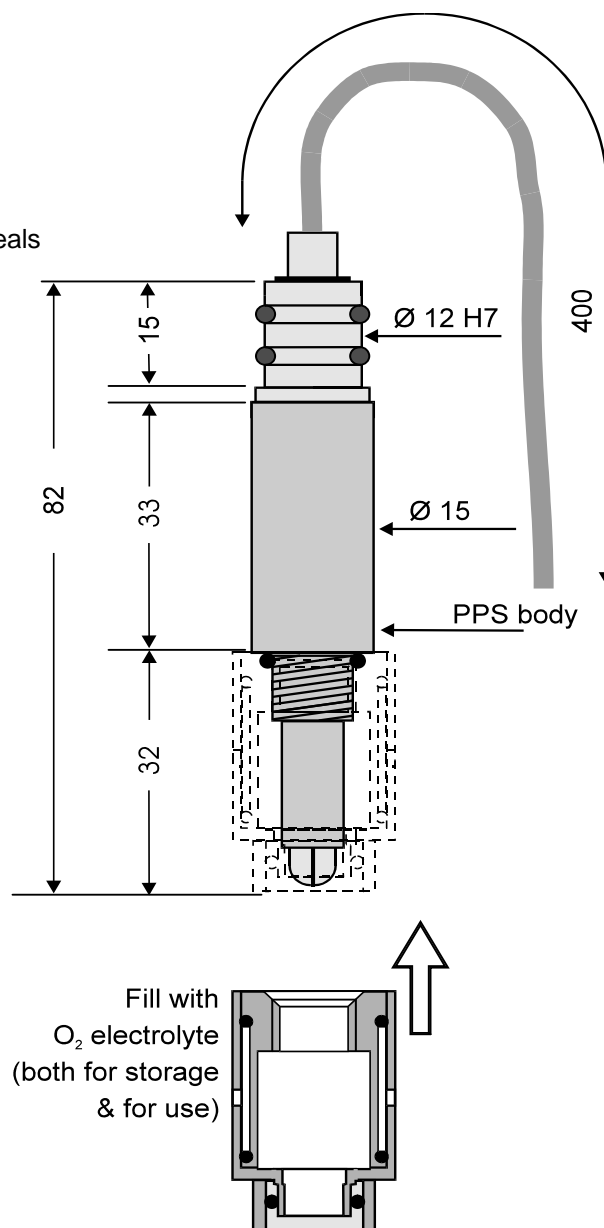
Operating pressure: 150 bar.

Output connections: two 0.4 mm insulated copper wires.

Mounting: through 12mm hole with two O-ring seals (Parker 2-12).

Weight: 30 gr.

Body: black plastic (PPS).



NOTE: Dimensions are in millimeters.

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Range: 0 .. 50 ppm O₂.

Drift: 5%/month typical.

Response time: 3 s (green membrane @ 20°C).

0.9 s (blue membrane @ 20°C)

Operating pressure: 600 bar.

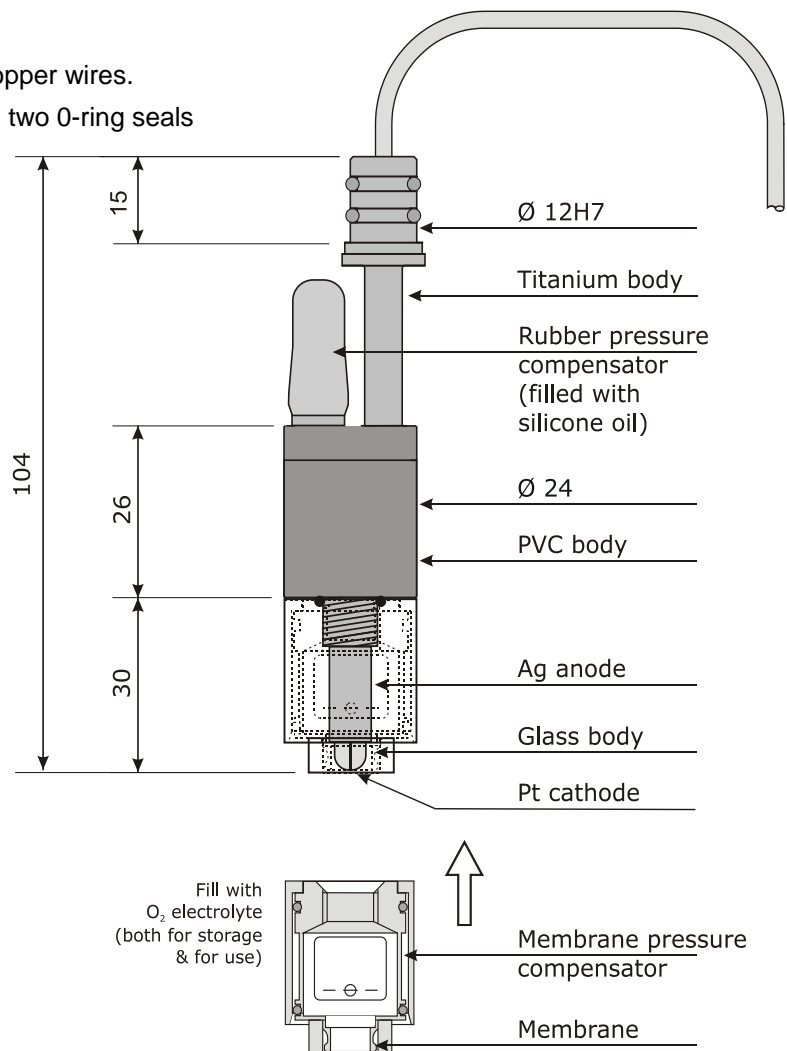
Maximum pressure: 700 bar.

Output connections: two 0.4 mm insulated copper wires.

Mounting: through 12mm hole with two O-ring seals
(Parker 2-12).

Weight: 30 gr.

Body: titanium.



NOTE: Dimensions are in millimeters.



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DISSOLVED OXYGEN SENSOR (700 bar)

Issue: May 1983

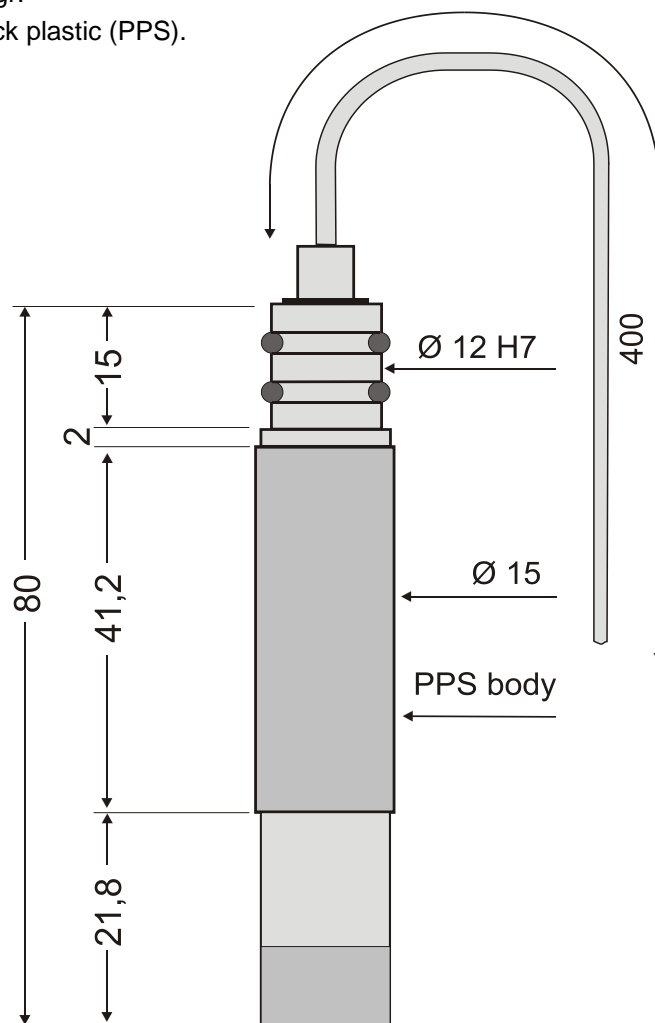
Revision: March 1997

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Technical specifications

Type:	polarographic sensor with platinum-iridium cathode and silver anode (99.99%).
Output current:	typical 60 +/- 15 nA in air @ 20°C.
Zero output current:	less than 50 pA, with nitrogen.
Polarization voltage:	650 mV DC.
Range:	0 .. 50 ppm O ₂ .
Drift:	5%/month typical.
Response time:	30 s (membrane @ 20°C).
Operating pressure:	5 bar.
Output connections:	two 0.4 mm insulated copper wires.
Mounting:	through 12mm hole with two O-ring seals (Parker 2-12).
Weight:	30 gr.
Body:	black plastic (PPS).



NOTE: Dimensions are in millimeters.