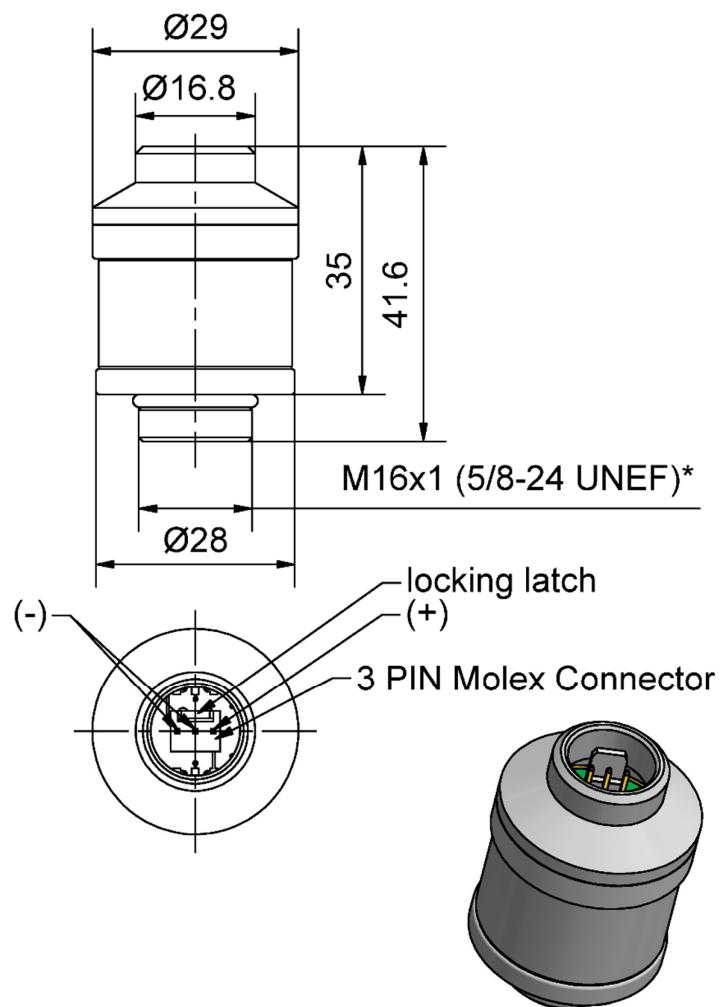


Measurement Range:	0 % ... 100 % oxygen (at atmospheric pressure)
Output in Ambient Air:	9 mV ... 13 mV
Electrical Interface:	3 pin (Molex® 22-11-1031)
Repeatability:	< 1 % volume O ₂ at constant temperature and pressure
Linearity error:	< 3 % relative
Response time:	< 12 s to 90 % of final value
Zero Offset Voltage:	< 200 µV in 100 % nitrogen, applied for 5 min
Cross Interference:	meets ISO 80601-2-55 requirements
Influence of Humidity:	-0.03 % rel. per % RH at 25 °C
Pressure Range:	0.6 bar ... 2 bar (ppO ₂ 0 ... 1250 mbar O ₂)
Influence of Mechanical Shock:	< 1 % relative after a fall from 1 m
Operating Temperature:	0 °C ... +50 °C
Temperature Compensation:	built-in NTC compensation
Effect of Temperature Compensation (steady state):	between +25 °C and +40 °C: 3 % relative error between 0 °C and +50 °C: 8 % relative error
Operating Humidity:	0 % ... 99 % RH non-condensing
Long Term Output Drift:	< 1 % volume oxygen per month
	typically < -15 % relative over lifetime
Storage Temperature:	-20 °C ... +50 °C
Recommended Storage:	+5 °C ... +15 °C
Recommended Load:	≥ 10 kOhms
Warm-Up Time:	< 30 minutes, after replacement of sensor
Nominal Sensor Lifetime:	≥ 1 000 000 % volume oxygen hours
Weight:	approximately 28 grams
Warranty Period:	15 months (including 3-month shelf life)
Part No.:	OOM102-A: 1002504 (REF 0110039 / R-22VA)

All specifications are applicable at standard conditions: 1013 mbar, 25 °C dry ambient air.

Mechanical draft:



General tolerances ISO 2768-c

*Intermediate thread: Metric / Unified Extra Fine

Product Specification

Oxygen Sensor

OOM102-A

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ENVITEC

by Honeywell

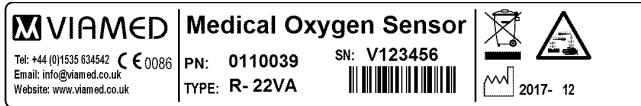
Customized Design Specification:

- NA

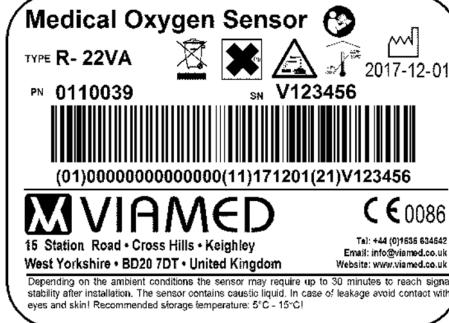
Product Labeling

OOM102-A: 1002504 (REF 0110039 / R-22VA)

Label on Sensor (90x15)



Label on Blister- Card (63,5x46,6)



Customer Approval

Date:

Signature: