

OBL Sensor Specification

Type: OOD103-1V

[Änderungsregister / Change log](#)

Revision	Date	Author	Description
0	15.04.2016	Dipl. Ing. (FH) Maik Lingies	creat
1	04.11.2025	Dipl. Ing. (FH) Maik Lingies	Change label design for OOD103-1V: 1001581 (REF 8010007 / NaNS01) Change parameter "Output in Ambient Air" to "Initial output signal range in ambient air"

Product Specification

Oxygen Sensor

OOD103-1V

Honeywell
Healthcare Solutions GmbH

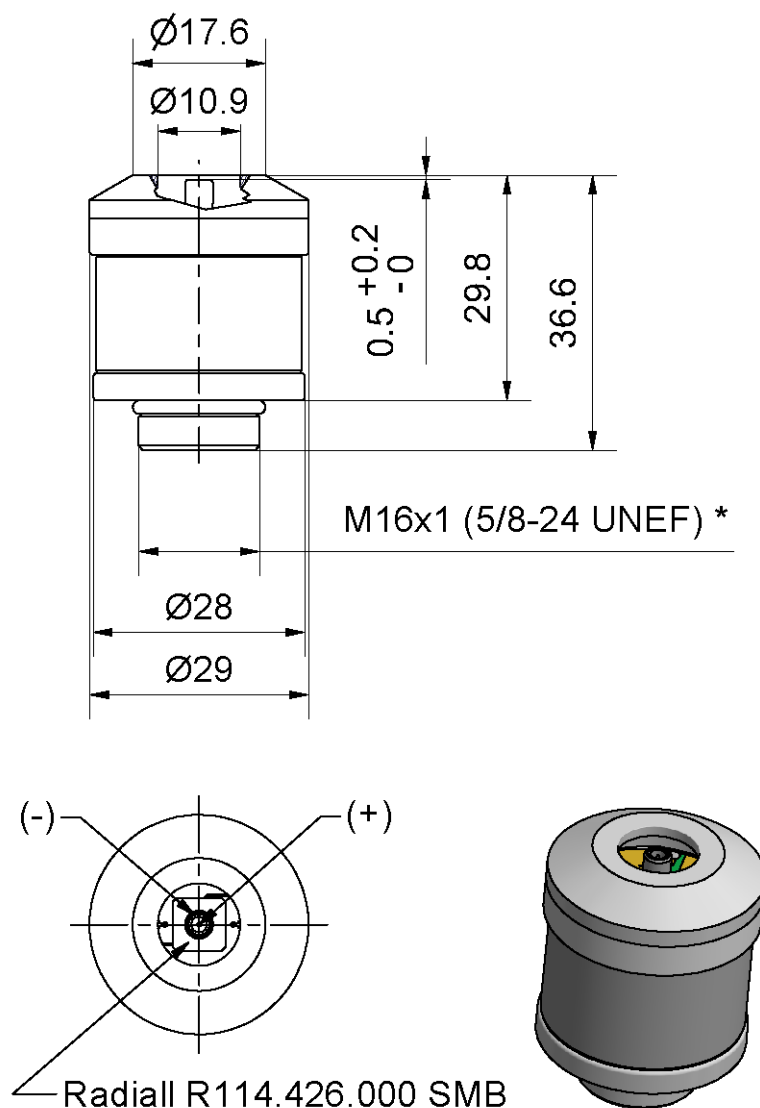
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[illegible]

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

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Mechanical draft:



General tolerances ISO 2768-c
*Intermediate thread: Metric / Unified Extra Fine

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Customized Design Specification:

- Integration of additional Zitex membrane in sensor gas diffusion way
- Conformal coating on the sensor PCB with PLASTIK 70
- 2 x 2mm holes drilled in the sensor PCB
- No information about EnviteC on PCB top / bottom sides, information for ordering process and traceability only.

PCB Layout:

Top	Bottom

Product Labeling

OOD103-1V: 1001581 (REF 8010007 / NaNS01)	
Label on Sensor (90x15)	Label on Blister- Card (63,5x46,6)

Customer Approval

Date: 11/10/2025

Signature: Steve Nixon
Steve Nixon (Nov 10, 2025 12:34:31 GMT)