

Certificate



Functional
Safety

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No.: 968/FSP 2091.00/21

Product tested	Fixed gas detector	Certificate holder	Prosense Teknoloji Sanayi Ticaret Ltd. Cumhuriyet Mah. Mermer Sok. No 16 34876 Kartal / Istanbul Turkey
Type designation	PQN-S / PQD-S		
Codes and standards	IEC 61508 Parts 1-7:2010 EN 50402:2017 EN 50271:2018	EN 50270:2015 + AC:2016 EN 60079-29-1:2016	
Intended application	The gas detector PQN-S / PQD-S series complies with the requirements of the SIL 1 according to EN 50271 and SIL 2 / SC 3 according to IEC 61508 / EN 50402. The gas detector can be used in combination with an external safety device for monitoring of hazardous flammable gas concentrations in a HFT=0 architecture up to SIL 2 and in a HFT=1 architecture up to SIL 3. The gas detector PQD-S / PQN-S series also fulfills the metrological requirements of EN 60079-29-1		
Specific requirements	The instructions of the associated User Manual and Safety Manual shall be considered. Details for the use in safety functions can be found on the seconde page of this certificate.		
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	Valid until 2026-05-12		

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 2091.00/21 dated 2021-04-19.

This certificate is valid only for products which are identical with the product tested.

TÜV Rheinland Industrie Service GmbH
Bereich Automation
Funktionale Sicherheit

Köln, 2021-05-12

Certification Body Safety & Security for Automation & Grid

Dipl.-Ing. (FH) Wolf Rückwart