



Product Service

CERTIFICATE

No. Z10 070430 0003 Rev. 01

Holder of Certificate: **NOVA SMAR S/A**
Avenida Dr. Antonio Furlan Jr, 1028
14170-480 Centro, Sertãozinho-SP
BRAZIL

Certification Mark:



Product: **Safety components**
Smart Pressure Transmitter

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

Test report no.: **SS82601T**

Valid until: 2025-12-15

Date, 2020-12-17

(Christian Dirmeier)



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Parameters:	Pressure range:	Up to 40 MPa
	Mode of operation:	Low demand
	Output:	4-20mA
	Hardware Fault Tolerance:	0 - SIL 2
	Hardware Fault Tolerance:	1 - SIL 3

Tested according to:	IEC 61508-1:2010
	IEC 61508-2:2010
	IEC 61508-3:2010
	IEC 61508-4:2010
	IEC 61511-1:2016

Factory(ies): 070430

Model(s): **LD400 HART SIS**

Nomenclature of product type:

Differential, Flow, Gage, Absolute and High Static Pressure Transmitter:
LD400-XXXX-H1-XXXXX-XXX-XXX-XXXXX / Optional Hart Configuration

Level Transmitter:
LD400-XXXX-H1-XXXXX-XXX-XXX-XXXXX-XXXXXXXX / Optional Hart Configuration

Sanitary Transmitter:
LD400-XXXX-H1-XXXXX-XXX-XXX-XXXXX-XXXXX / Optional Hart Configuration

Optional Hart Configuration:
Among many options for Hart configuration P0 is the only one mandatory

Description:

H1 = HART SIS

P0 = PID not available

X = Other parameters