



Product Service

CERTIFICATE

No. Z10 17 10 70430 004

Holder of Certificate: Smar Equipamentos Industriais Ltda
Avenida Dr. Antonio Furlan Jr, 1028
14170-480 Centro, Sertãozinho-SP
BRAZIL

Factory(ies): 70430

Certification Mark:



Product: Safety components
Smart Temperature Transmitter

Model(s): TT400 HART SIS
Nomenclature of product type see attachment

Parameters:

Temperature range:	-200°C up to 1800°C
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

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.: SS82600T

Valid until: 2022-10-01

Date, 2017-10-04

(Günter Greil)



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**ATTACHMENT TO CERTIFICATE
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Nomenclature of Product type

TT400-H1X-XXX-XXXXX-XX / 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