



TYPE APPROVAL CERTIFICATE

N. ELE048616CS004



This is to certify that the product below is found to be in compliance with the applicable requirements of the RINA type approval system.

Description	Pressure transmitter
Type	Series T7
Applicant	VALCOM Srl Via Gramsci 1, Terranova dei Passerini, 26827 LODI ITALY
Manufacturer	VALCOM Srl Via Gramsci 1, Terranova dei Passerini, 26827 LODI ITALY
Testing Standard	Rules for the Classification of Ships –Part C – Machinery, Systems and fire protection – Ch. 3, Sect. 6, Tab. 1

Issued in Genova, February 15, 2016

This certificate is valid until February 14, 2021

Valerio Bonanni

RINA Services S.p.A.

Valerio Bonanni

Genova, February 15, 2016

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Description:

Pressure / Level transmitter Series VALCOM T7
Power supply: 12 to 40Vdc
Signal output: 2-wire, 4-20mA
Total accuracy: ± 0,25% Fs
Housing / process connect: AISI 316
Mechanical protection: IP65

Safety characteristics

Certificate: CESI n. ATEX 019 X
Marking: II 1GD EEx ia IIC T6 IP65 T85°C or T5 IP 65 T100°C
 II ½ G EEx ia IIC T6 or T5
 II 1G EEx ia IIC T6 or T5
Standards: EN 50014 : 1997+ A1A2; EN 50020: 2002; EN50281-1-1:1998+A1;
 EN 50284: 1999
Certification Authority: CESI

T7 Series includes SMART electronic transmitters with 4-20 mA output and HART digital communication protocol available with Piezoresistive (P Series) or Ceramic (C Series) sensors.

Piezoresistive sensors are based on silicon chip resistive Wheatstone bridge while ceramic sensors are thick film sensors based on a strain gauge principle with backplate and diaphragm in ceramic material; in both versions the sensors are calibrated individually together with their own seal. Configurations and adjustments can be made locally by means of push buttons and display or remotely using Hart protocol compatible communicators.

Test Report:

NEMKO Report n. 46906 -1 TRFEMC (05/08/2005)
VALCOM Report n. RML-T7-01 (01/02/2006)

Reference documents

VALCOM operation manual n. MN T7N02-Rev. 1
VALCOM operation manual supplement n. MSI-T7002
VALCOM data sheet n. T7N-01 Rev.1

General remark:

Installation and use to be in accordance with the manufacturer instruction

Genova, February 15, 2016

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