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Certificate No: LR2040190TA-01 Issue Date: 03/03/2022 Expiry Date: 17/11/2025

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer STS Sensor Technik Sirnach AG

Address Rütihofstraße 8, Sirnach, 8370, Switzerland

Place of Production STS Sensor Technik Sirnach AG

Rütihofstraße 8, Sirnach, 8370, Switzerland

Type Transmitters/Transducers

Description High Precision Submersible Level Transmitter ATM.1ST/N

High Precision Submersible Level Transmitter ATM.1ST/N/Ex (Intrinsically Safe)

Analog Submersible Level Transmitter ATM.ECO/N

Analog Submersible Level Transmitter ATM.ECO/N/Ex (Intrinsically Safe)

For detailed description, pls. refer to appendix.

Trade Name ATM.1ST/N, ATM.1ST/N/Ex, ATM.ECO/N, ATM.ECO/N/Ex

Application Marine, offshore and industrial applications for use in environmental

categories ENV1, ENV2 and ENV4 as defined in Lloyd's Register's Type Approval

System, Test Specification Number 1 - 2018.

Specified Standard Manufacturer's specification

IACS requirements E10(1991/ Rev.8: Feb 2021)

Thorsten Wolff

Senior Specialist to Lloyd's Register EMEA A member of the Lloyd's Register group

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

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Ratings Pressure types: gauge, absolute

Pressure measuring range: 0 ... 0.5 mH2O up to 0 ... 250 mH2O

Operating temperature: -5 ... 80 °C

Power supply: 24 VDC

Output signals: 0 ...5 VDC, 0 ... 10 VDC, 4 ... 20 mA

Degree of protection: IP68

Materials: Stainless steel, Titanium

For detailed rating, pls. refer to appendix.

Additional Tests Dry heat test (+70 °C / 2 h)

Low temperature test (-25 °C / 2 h)

Other Conditions Specific Conditions of Use as stated in applicable Ex-certificates shall be

observed when installed in hazardous areas. The Ex-certification does not form

part of this certificate.

Equipment must comply with IACS E10 Rev. 7 / 2018 when intended to be installed on ships contracted for construction on or after 1 January 2022.

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

Previous Version: This certificate supersedes certificate number LR2040190TA issued on

13.11.2020 which is herebycancelled.

The Design Appraisal Document HTS/ETS42312-22/HN/TW and its supplementary Type Approval Terms and Conditions form part of this Certificate.

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

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Appendix

DESCRIPTION

High Precision Submersible Level Transmitter ATM.1ST/N
High Precision Submersible Level Transmitter ATM.1ST/N/Ex (Intrinsically Safe)
Analog Submersible Level Transmitter ATM.ECO/N
Analog Submersible Level Transmitter ATM.ECO/N/Ex (Intrinsically Safe)

ATM.1ST/N ①234567890

1	Pressure type	1	Gauge
		2	Absolute (vacuum)
2	Pressure measuring range		0 0.5 mH2O up to 0 250 mH2O
3	Process connection	55	Closed, nose cone POM
		59	Closed, nose cone 1.4435
		56	Open, nose cone POM
		17	G 1/2 M, bore 14 mm
		13	G 1/2 M
		14	G 1/2 M, frontal diaphragm
		37	G 1/2 M, frontal diaphragm Hastelloy C-276
		15	G 1/2 M, with flush diaphragm membrane
		11	G 1/4 M
		10	1/4 NPT M
		19	1/2 NPT M
		99	Customized
4	Electrical connection	13	PE cable, IP 68, black
		15	PUR cable, IP 68, black
		21	FEP cable, IP 68, black
		12	FEP cable, (high temperature), black, IP 68
		14	PVC cable, blue, IP 68
		19	PUR cable, black, IP 68, with G 1/2 M conduit fitting
		25	PUR cable, black, IP 68, with strain relief
		07	Connectable version, IP 68
		99	Customized
(5)	Output signal	46	05 VDC
		47	0 10 VDC
		05	4 20 mA
		80	4 20 mA surge protection
6	Accuracy	1	≤±0.25 % FS (0.5 mH20 0.99 mH2O)
		4	$\leq \pm 0.2 \% FS (1 \text{ mH2O} \dots 250 \text{ mH2O})$
		2	$\leq \pm 0.1 \% FS (1 mH20 250 mH20)$
		6	≤±0.05 % FS (10 mH2O 250 mH2O)
7	Temperature range	4	-5 50 °C compensated
		5	-5 80 °C compensated
8	Option 1	G	Special oil filling: Anderol Food (for food applications)
9	Option 2	C	Electronics packed in gel: Gauge pressure
		D	Electronics packed in gel: Absolute pressure
10	Option 3	В	Ballast weight 1.4435
		K	Version titanium (without ballast weight)
		U	Seals: Viton (standard)
		S	Seals: EPDM
		Т	Seals: Kalrez (Level)
		Н	Seals: NBR
		Z	Humidity filter element for gauge versions (only PUR and PE
			cable)

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DESCRIPTION (continued)

ATM.1ST/N/Ex ①234567890

①	Pressure type	1	Gauge
		2	Absolute (vacuum)
2	Pressure measuring range	XX	0 0.5 mH2O up to 0 250 mH2O
3	Process connection	55	Closed, nose cone POM
		56	Open, nose cone POM
		17	G 1/2 M, bore 14 mm
		13	G 1/2 M
		14	G 1/2 M, frontal diaphragm
		37	G 1/2 M, frontal diaphragm Hastelloy C-276
		15	G 1/2 M, with flush diaphragm membrane
		11	G 1/4 M
		10	1/4 NPT M
		19	1/2 NPT M
		99	Customized
4	Electrical connection	17	PUR cable, blue, IP 68
		22	FEP cable, blue, IP 68
		20	PUR cable, blue, IP 68, with G 1/2 M conduit fitting
		28	PUR cable, blue, IP 68, with strain relief
		07	Connectable version, IP 68
		99	Customized
(5)	Output signal	46	4 20 mA
6	Accuracy	1	$\leq \pm 0.25 \% FS (0.5 \text{ mH2O} \dots 0.99 \text{ mH2O})$
		4	≤±0.2 % FS (1 mH20 250 mH2O)
		2	$\leq \pm 0.1 \% FS (1 \text{ mH2O} \dots 250 \text{ mH2O})$
		6	≤±0.05 % FS (10 mH20 250 mH2O)
7	Temperature range	3	T6 (Ta: -5 50 °C) -5 50 °C compensated
		5	T4 (Ta: -5 80 °C) -5 80 °C compensated
8	Option 1	G	Special oil filling: Anderol Food (for food applications)
9	Option 2	В	Ballast weight 1.4435
		K	Version titanium (without ballast weight)
		U	Seals: FKM (standard)
		S	Seals: EPDM
		Т	Seals: Kalrez
		Z	Humidity filter element for gauge versions (for PUR cable only)
10	Option 3		nil

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DESCRIPTION (continued)

ATM.ECO/N ①234567890

1	Pressure type	1	Gauge
		2	Absolute (vacuum)
2	Pressure measuring range	XX	0 1 mH2O up to 0 250 mH2O
3	Process connection	55	Closed, nose cone POM
		59	Closed, nose cone 1.4435
		56	Open, nose cone POM
		17	G 1/2 M, bore 14 mm
		13	G 1/2 M
		14	G 1/2 M, frontal diaphragm
		37	G 1/2 M, frontal diaphragm Hastelloy C-276
		15	G 1/2 M, with flush diaphragm membrane
		11	G 1/4 M
		10	1/4 NPT M
		19	1/2 NPT M
		99	Customized
4	Electrical connection	13	PE cable, black, IP 68
		15	PUR cable, black, IP 68
		21	FEP cable, black, IP 68
		14	PVC cable, blue, IP 68
		19	PUR cable, black, IP 68, with G 1/2 M conduit fitting
		25	PUR cable, black, IP 68, with strain relief
		07	Connectable version, IP 68
		99	Customized
(5)	Output signal	46	05 VDC
		47	010 VDC
		05	4 20 mA
		80	4 20 mA surge protection
6	Accuracy	4	≤± 0.2 % FS
7	Temperature range	4	-5 50°C compensated
		5	-5 80°C compensated
8	Option 1	С	Electronics packed in gel: Gauge sensors
		D	Electronics packed in gel: Absolute sensors
9	Option 2	В	Ballast weight 1.4435
		U	Seals: FKM (standard)
		S	Seals: EPDM
		Т	Seals: Kalrez
		Н	Seals: NBR
		Z	Humidity filter element for gauge versions (for PUR and PE
			cable only)
10	Option 3		nil

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DESCRIPTION (continued)

ATM.ECO/N/Ex 1234567890

① Pressure type 1 2 Absolute (vacuum) ② Pressure measuring range XX 0 1 mH2O up to 0 250 mH2O ③ Process connection 55 Closed, nose cone POM Open, nose cone POM Open, nose cone POM G1/2 M, bore 14 mm G1/2 M frontal diaphragm 4 61/2 M, bore 14 mm G1/2 M frontal diaphragm 4 61/2 M, frontal diaphragm Hastelloy C-276 G1/2 M, with flush diaphragm 5 61/2 M, with flush diaphragm 11 61/4 M 10 1/4 NPT M 19 1/2 NPT M 20 Customized ④ Electrical connection 17 PUR cable, blue, IP 68 FEP cable, blue, IP 68 FEP cable, blue, IP 68, with G 1/2 M conduit fitting PUR cable, blue, IP 68, with strain relief Connectable version, IP 68 Customized ⑤ Output signal 05 4 20 mA ⑤ Accuracy 4 ± ±0.2 % FS ⑦ Temperature range 3 T6 (Ta: -5 50 °C) -5 50 °C compensated ⑤ T4 (Ta: -5 80 °C) -5 80 °C compensated ⑤ Seals: Vition (standard) Seals: EPDM T Seals: Vition (standard) Seals: EPDM T Seals: Kalrez (Level) <td< th=""><th></th><th></th><th></th><th></th></td<>				
② Pressure measuring range XX 0 1 mH2O up to 0 250 mH2O ③ Process connection 55 Closed, nose cone POM 56 Open, nose cone POM G 1/2 M, bore 14 mm 13 G 1/2 M, bore 14 mm G 1/2 M, frontal diaphragm 37 G 1/2 M, frontal diaphragm Hastelloy C-276 15 G 1/2 M, with flush diaphragm 11 G 1/4 M 10 1/4 NPT M 19 1/2 NPT M 20 PUR cable, blue, IP 68 FEP cable, blue, IP 68 FEP cable, blue, IP 68, with G 1/2 M conduit fitting PUR cable, blue, IP 68, with strain relief Connectable version, IP 68 Customized ⑤ Output signal 05 4 20 mA ⑥ Accuracy 4 ≤±0.2 % FS ⑦ Temperature range 3 T6 (Ta: -5 50 °C) -5 50 °C compensated ⑤ Option 1 B Ballast weight 1.4435 Seals: Vition (standard) Seals: Vition (standard) Seals: FEPDM T Seals: Kalrez (Level) Ø	(I)	Pressure type		•
Process connection			2	Absolute (vacuum)
Seals: Keller Seals: Keller	2	Pressure measuring range	XX	0 1 mH2O up to 0 250 mH2O
17 G1/2 M, bore 14 mm G1/2 M G1/2 M G1/2 M, frontal diaphragm G1/2 M, frontal diaphragm Hastelloy C-276 G1/2 M, with flush diaphragm Hastelloy C-276 G1/2 M, with f	3	Process connection	55	Closed, nose cone POM
13 G 1/2 M G 1/2 M, frontal diaphragm G 1/2 M, frontal diaphragm Hastelloy C-276 G 1/2 M, with flush diaphragm Hastelloy C-276 I5 G 1/2 M, with flush diaphragm I1 G 1/4 M I0 1/4 NPT M I9 1/2 NPT M G 1/2 NPT M PUR cable, blue, IP 68 FEP cable, blue, IP 68 PUR cable, blue, IP 68, with G 1/2 M conduit fitting PUR cable, blue, IP 68, with strain relief Connectable version, IP 68 G Customized S Output signal S Output signal T G (Ta: -5 50 °C) -5 50 °C compensated T 4 (Ta: -5 80 °C) -5 80 °C compensated T 4 (Ta: -5 80 °C) -5 80 °C compensated S Seals: EPDM T Seals: Kalrez (Level) T Humidity filter element for gauge versions (only for PUR cable) Option 2			56	Open, nose cone POM
14 G 1/2 M, frontal diaphragm 37 G 1/2 M, frontal diaphragm Hastelloy C-276 15 G 1/2 M, with flush diaphragm 11 G 1/4 M 10 1/4 NPT M 19 1/2 NPT M 99 Customized 4 Electrical connection 17 PUR cable, blue, IP 68 20 PUR cable, blue, IP 68, with G 1/2 M conduit fitting 28 PUR cable, blue, IP 68, with strain relief 07 Connectable version, IP 68 99 Customized 5 Output signal 05 4 20 mA 6 Accuracy 4 ≤±0.2 % FS 7 Temperature range 3 T6 (Ta: -5 50 °C) -5 50 °C compensated 5 T4 (Ta: -5 80 °C) -5 80 °C compensated 8 Option 1 B Ballast weight 1.4435 U Seals: Viton (standard) S Seals: EPDM T Seals: Kalrez (Level) T Humidity filter element for gauge versions (only for PUR cable) 9 Option 2			17	G 1/2 M, bore 14 mm
37 G 1/2 M, frontal diaphragm Hastelloy C-276 G 1/2 M, with flush diaphragm 11 G 1/4 M 10 1/4 NPT M 19 1/2 NPT M 99 Customized ④ Electrical connection 17 PUR cable, blue, IP 68 22 FEP cable, blue, IP 68, with G 1/2 M conduit fitting 28 PUR cable, blue, IP 68, with strain relief 07 Connectable version, IP 68 99 Customized ⑤ Output signal 05 4 20 mA ⑥ Accuracy 4 ≤±0.2 % FS ⑦ Temperature range 3 T6 (Ta: -5 50 °C) -5 50 °C compensated T4 (Ta: -5 80 °C) -5 80 °C compensated ⑥ Option 1 B Ballast weight 1.4435 Seals: EPDM T Seals: Kalrez (Level) Humidity filter element for gauge versions (only for PUR cable) ⑤ Option 2			13	G 1/2 M
15 G 1/2 M, with flush diaphragm 11 G 1/4 M 10 1/4 NPT M 19 1/2 NPT M 99 Customized 4 Electrical connection 17 PUR cable, blue, IP 68 22 FEP cable, blue, IP 68, with G 1/2 M conduit fitting PUR cable, blue, IP 68, with strain relief Connectable version, IP 68 99 Customized 5 Output signal 5 Accuracy 4 ≤±0.2 % FS 7 Temperature range 5 T4 (Ta: -5 50 °C) -5 50 °C compensated T4 (Ta: -5 80 °C) -5 80 °C compensated 8 Option 1 B Ballast weight 1.4435 Seals: Viton (standard) S Seals: EPDM T Seals: Kalrez (Level) Humidity filter element for gauge versions (only for PUR cable) 9 Option 2			14	G 1/2 M, frontal diaphragm
11 G 1/4 M 10 1/4 NPT M 19 1/2 NPT M 99 Customized 4 Electrical connection 17 PUR cable, blue, IP 68 22 FEP cable, blue, IP 68, with G 1/2 M conduit fitting 28 PUR cable, blue, IP 68, with strain relief 07 Connectable version, IP 68 99 Customized 5 Output signal 05 4 20 mA 6 Accuracy 4 ≤±0.2 % FS 7 Temperature range 3 T6 (Ta: -5 50 °C) -5 50 °C compensated 5 T4 (Ta: -5 80 °C) -5 80 °C compensated 8 Option 1 B Ballast weight 1.4435 Seals: Viton (standard) S Seals: EPDM T Seals: Kalrez (Level) Humidity filter element for gauge versions (only for PUR cable) 9 Option 2			37	G 1/2 M, frontal diaphragm Hastelloy C-276
10 1/4 NPT M 19 1/2 NPT M 99 Customized 4 Electrical connection 17 PUR cable, blue, IP 68 22 FEP cable, blue, IP 68, with G 1/2 M conduit fitting 28 PUR cable, blue, IP 68, with strain relief 07 Connectable version, IP 68 99 Customized 5 Output signal 05 4 20 mA 6 Accuracy 4 ≤±0.2 % FS 7 Temperature range 3 T6 (Ta: -5 50 °C) -5 50 °C compensated 5 T4 (Ta: -5 80 °C) -5 80 °C compensated 8 Option 1 B Ballast weight 1.4435 Seals: Viton (standard) S Seals: EPDM T Seals: Kalrez (Level) Humidity filter element for gauge versions (only for PUR cable) 9 Option 2			15	G 1/2 M, with flush diaphragm
19 1/2 NPT M 99 Customized 4 Electrical connection 17 PUR cable, blue, IP 68 22 FEP cable, blue, IP 68 20 PUR cable, blue, IP 68, with G 1/2 M conduit fitting 28 PUR cable, blue, IP 68, with strain relief Connectable version, IP 68 99 Customized 5 Output signal 05 4 20 mA 6 Accuracy 4 ≤±0.2 % FS 7 Temperature range 3 T6 (Ta: -5 50 °C) -5 50 °C compensated T4 (Ta: -5 80 °C) -5 80 °C compensated 8 Option 1 B Ballast weight 1.4435 Seals: Viton (standard) S Seals: EPDM T Seals: Kalrez (Level) Humidity filter element for gauge versions (only for PUR cable) 9 Option 2			11	G 1/4 M
99 Customized 4 Electrical connection 17 PUR cable, blue, IP 68 22 FEP cable, blue, IP 68 20 PUR cable, blue, IP 68, with G 1/2 M conduit fitting 28 PUR cable, blue, IP 68, with strain relief 20 Connectable version, IP 68 30 Customized 5 Output signal 05 4 20 mA 6 Accuracy 4 ≤±0.2 % FS 7 Temperature range 3 T6 (Ta: -5 50 °C) -5 50 °C compensated 5 T4 (Ta: -5 80 °C) -5 80 °C compensated 8 Option 1 B Ballast weight 1.4435 U Seals: Viton (standard) S Seals: EPDM T Seals: Kalrez (Level) Humidity filter element for gauge versions (only for PUR cable) 9 Option 2 nil			10	1/4 NPT M
 4 Electrical connection 17 PUR cable, blue, IP 68 22 FEP cable, blue, IP 68 20 PUR cable, blue, IP 68, with G 1/2 M conduit fitting 28 PUR cable, blue, IP 68, with strain relief 07 Connectable version, IP 68 99 Customized ⑤ Output signal 05 4 20 mA ⑥ Accuracy 16 (Ta: -5 50 °C) -5 50 °C compensated 17 (Ta: -5 80 °C) -5 80 °C compensated 18 Ballast weight 1.4435 19 Seals: Viton (standard) 10 Seals: Kalrez (Level) 10 Uption 2 11 Uption PUR cable 12 PUR cable, blue, IP 68 18 PUR cable, blue, IP 68 19 Option 2 			19	1/2 NPT M
22 FEP cable, blue, IP 68 20 PUR cable, blue, IP 68, with G 1/2 M conduit fitting 28 PUR cable, blue, IP 68, with strain relief 07 Connectable version, IP 68 99 Customized ③ Output signal 05 4 20 mA ⑤ Accuracy 4 ≤±0.2 % FS ⑦ Temperature range 3 T6 (Ta: -5 50 °C) -5 50 °C compensated 5 T4 (Ta: -5 80 °C) -5 80 °C compensated 8 Option 1 B Ballast weight 1.4435 Seals: Viton (standard) S Seals: EPDM T Seals: Kalrez (Level) T Humidity filter element for gauge versions (only for PUR cable) 9 Option 2			99	Customized
20 PUR cable, blue, IP 68, with G 1/2 M conduit fitting 28 PUR cable, blue, IP 68, with strain relief 07 Connectable version, IP 68 99 Customized ⑤ Output signal 05 4 20 mA ⑥ Accuracy 4 ≤±0.2 % FS ⑦ Temperature range 3 T6 (Ta: -5 50 °C) -5 50 °C compensated 5 T4 (Ta: -5 80 °C) -5 80 °C compensated ⑥ Option 1 B Ballast weight 1.4435 U Seals: Viton (standard) S Seals: EPDM T Seals: Kalrez (Level) Humidity filter element for gauge versions (only for PUR cable) ⑤ Option 2	4	Electrical connection	17	PUR cable, blue, IP 68
28 PUR cable, blue, IP 68, with strain relief 07 Connectable version, IP 68 99 Customized ⑤ Output signal 05 4 20 mA ⑥ Accuracy 4 ≤±0.2 % FS ⑦ Temperature range 3 T6 (Ta: -5 50 °C) -5 50 °C compensated 5 T4 (Ta: -5 80 °C) -5 80 °C compensated ⑥ Option 1 B Ballast weight 1.4435 U Seals: Viton (standard) S Seals: EPDM T Seals: Kalrez (Level) Humidity filter element for gauge versions (only for PUR cable) ⑨ Option 2 nil			22	FEP cable, blue, IP 68
07 Connectable version, IP 68 99 Customized ⑤ Output signal 05 4 20 mA ⑥ Accuracy 4 ≤±0.2 % FS ⑦ Temperature range 3 T6 (Ta: -5 50 °C) -5 50 °C compensated 5 T4 (Ta: -5 80 °C) -5 80 °C compensated 8 Option 1 B Ballast weight 1.4435 U Seals: Viton (standard) S Seals: EPDM T Seals: Kalrez (Level) T Humidity filter element for gauge versions (only for PUR cable) ⑨ Option 2 nil			20	PUR cable, blue, IP 68, with G 1/2 M conduit fitting
99 Customized ③ Output signal 05 420 mA ⑥ Accuracy 4 ≤±0.2 % FS ⑦ Temperature range 3 T6 (Ta: -550 °C) -550 °C compensated 5 T4 (Ta: -580 °C) -580 °C compensated 8 Option 1 B Ballast weight 1.4435 U Seals: Viton (standard) S Seals: EPDM T Seals: Kalrez (Level) T Humidity filter element for gauge versions (only for PUR cable) ⑨ Option 2 nil			28	PUR cable, blue, IP 68, with strain relief
⑤ Output signal 05 4 20 mA ⑥ Accuracy 4 ≤±0.2 % FS ⑦ Temperature range 3 T6 (Ta: -5 50 °C) -5 50 °C compensated ⑤ T4 (Ta: -5 80 °C) -5 80 °C compensated ⑤ Ballast weight 1.4435 U Seals: Viton (standard) S Seals: EPDM T Seals: Kalrez (Level) Z Humidity filter element for gauge versions (only for PUR cable) ⑨ Option 2			07	Connectable version, IP 68
⑥ Accuracy 4 ≤±0.2 % FS ⑦ Temperature range 3 T6 (Ta: -5 50 °C) -5 50 °C compensated 5 T4 (Ta: -5 80 °C) -5 80 °C compensated ® Option 1 B Ballast weight 1.4435 U Seals: Viton (standard) S Seals: EPDM T Seals: Kalrez (Level) Z Humidity filter element for gauge versions (only for PUR cable) ⑨ Option 2			99	Customized
Temperature range 3 T6 (Ta: -5 50 °C) -5 50 °C compensated 5 T4 (Ta: -5 80 °C) -5 80 °C compensated 8 Option 1 B Ballast weight 1.4435 U Seals: Viton (standard) S Seals: EPDM T Seals: Kalrez (Level) Z Humidity filter element for gauge versions (only for PUR cable) 9 Option 2 iii	(5)	Output signal	05	4 20 mA
T4 (Ta: -5 80 °C) -5 80 °C compensated Deprior 1 B Ballast weight 1.4435 U Seals: Viton (standard) S Seals: EPDM T Seals: Kalrez (Level) Z Humidity filter element for gauge versions (only for PUR cable) Option 2 nil	6	Accuracy	4	≤±0.2% FS
 Option 1 B Ballast weight 1.4435 U Seals: Viton (standard) S Seals: EPDM T Seals: Kalrez (Level) Z Humidity filter element for gauge versions (only for PUR cable) Option 2 	7	Temperature range	3	T6 (Ta: -5 50 °C) -5 50 °C compensated
U Seals: Viton (standard) S Seals: EPDM T Seals: Kalrez (Level) Z Humidity filter element for gauge versions (only for PUR cable) 1 Option 2 nil			5	T4 (Ta: -5 80 °C) -5 80 °C compensated
S Seals: EPDM T Seals: Kalrez (Level) Z Humidity filter element for gauge versions (only for PUR cable) 9 Option 2 nil	8	Option 1	В	Ballast weight 1.4435
T Seals: Kalrez (Level) Z Humidity filter element for gauge versions (only for PUR cable) Option 2 nil			U	Seals: Viton (standard)
Z Humidity filter element for gauge versions (only for PUR cable) 9 Option 2 nil			S	Seals: EPDM
Option 2 nil			Т	Seals: Kalrez (Level)
			Z	Humidity filter element for gauge versions (only for PUR cable)
	9	Option 2		nil
100 Option 3 nil	10	Option 3		nil

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