Base Load Power Hub (BLPH)

PT, PDT, TT, LT RADAR

GENERAL ARRANGEMENT DRAWINGS

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03	18/07/2024	Accepted for Construction (AFC)	MZ	GA	GO
02	02/07/2024	Accepted for Construction (AFC)	MZ	GA	GO
01	13/06/2024	Accepted for Construction (AFC)	MZ	GA	GO
00	27/05/2024	Issue for Review (IFR)	MZ	GA	GO
Rev.	Date	Description	Prepared	Reviewed	Approved

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Revision / Change Log

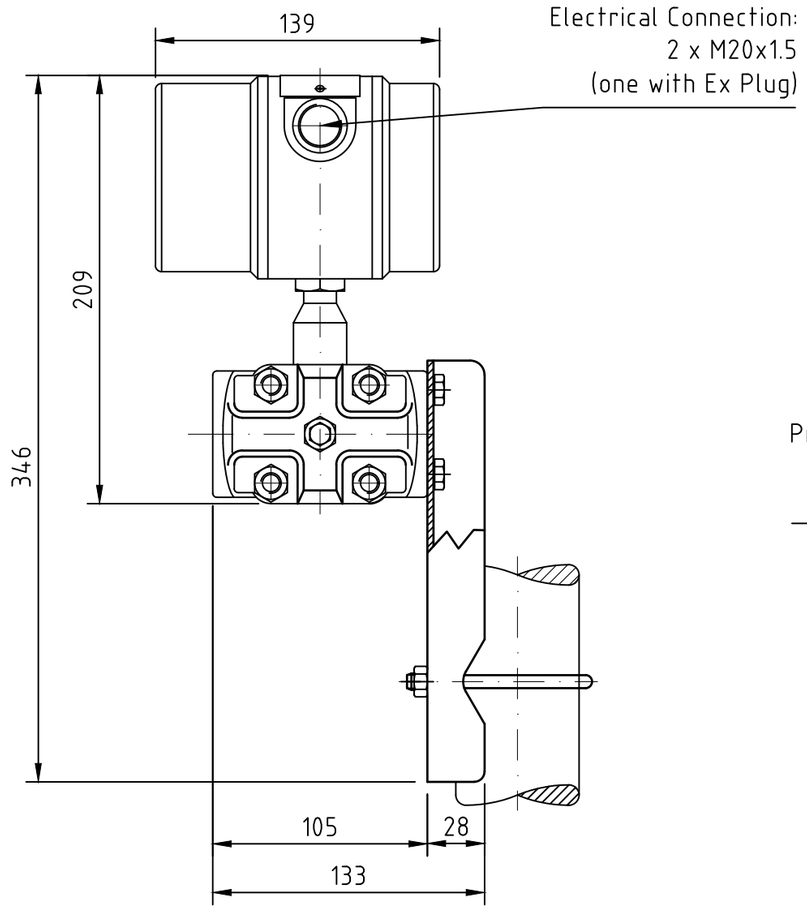
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00	Issue for Review (IFR)
01	Accepted for Construction (AFC)
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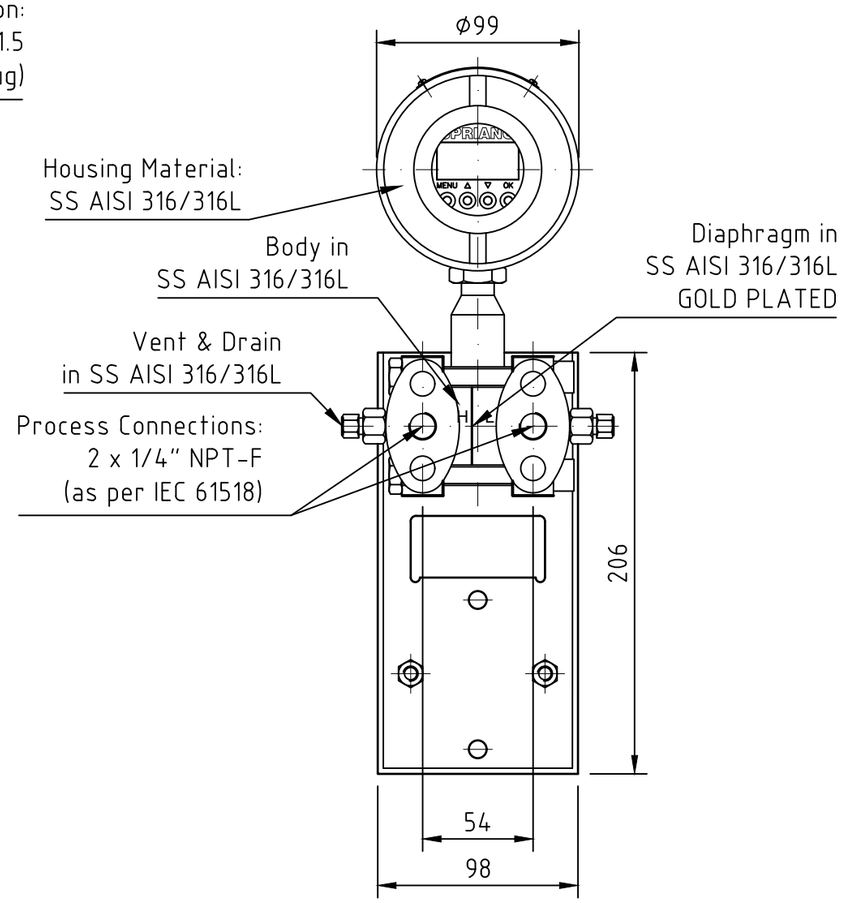
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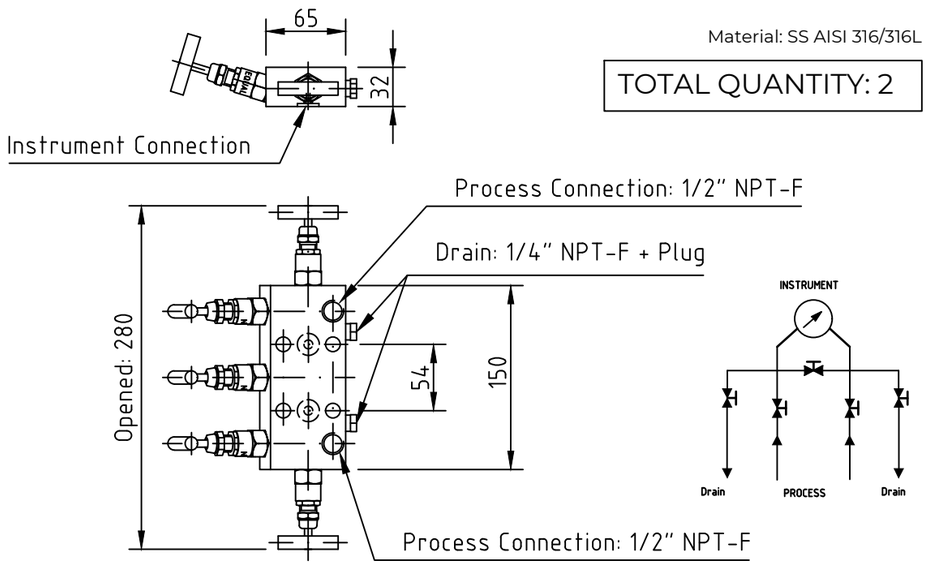
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SST77B DIFFERENTIAL PRESSURE TRANSMITTERS





MAN5-D1 FIVE WAYS AND FIVE VALVES MANIFOLD



TAG LIST

#	TAG	RANGE	CALIBRATION
1	43-LT-001	0 ÷ 350 mbar	0 ÷ 560 mmH_2O
2	43-LT-003	0 ÷ 350 mbar	0 ÷ 1000 mmH_2O

TOTAL QUANTITY: 2

NOTES

SST77B DIFFERENTIAL PRESSURE TRANSMITTERS
SST77B-H-9-D-2-3-0-0-4 + MAN5-D1

H - OUTPUT: 4-20 mA + HART
9 - EXTERNAL PARTS IN SS AISI 316 & DIAPHRAGM IN SS AISI 316 + GOLD PLATING
D - NOMINAL RANGE: 0 ÷ 350 mbar
2 - CALIBRATION: refer to TAG LIST TABLE
3 - OPTIONS: HOUSING MATERIAL STAINLESS STEEL WITH ELECTRICAL CONNECTIONS 2 x M20x1,5 (ONE WITH EXD PLUG)
0 - OPTIONS: WITHOUT
0 - PROCESS CONNECTIONS: STAINLESS STEEL 1/4" NPT-F (TO FIT TO THE MANIFOLD - IEC 61518 STANDARD)
4 - EXPLOSION PROTECTION 2014/34/EU: ATEX Ex II 1/2G Ex db IIC / IIB, T6/T5, Ga/Gb or ATEX Ex II 1/2G Ex ia IIC T6/T5/T4 Ga/Gb

to be coupled with:
1. MAN5-D1 FIVE VALVES AND THREE WAYS MANIFOLD IN SS AISI 316/316L, INSTRUMENT CONNECTIONS FLANGED / PROCESS CONNECTION 1/2" NPT-F.

NOTES:
1. OVERALL ACCURACY (COMPREHENSIVE OF HYSTERESIS, NON-LINEARITY, REPEATABILITY) IS WITHIN +/-0,1% FS;
2. ALL ITEMS ARE EQUIPPED WITH SS NAMEPLATE;
3. ALL ITEMS HAVE INGRESS PROTECTION EN 60529: IP66;
4. HOUSING MATERIAL STAINLESS STEEL;
5. FILLING OF ELEMENT IS FORESEEN WITH DOW CORNING SILICONIC OIL;
6. ELECTRICAL CONNECTIONS ARE 2 x M20x1,5 (ONE PLUGGED);
7. MOUNTING BRACKET INCLUDED AS STANDARD;
8. INTEGRAL LCD DISPLAY;
9. STATIC PRESSURE 100 BAR;
10. HART 6;
11. MANIFOLD WITH INSTRUMENT CONNECTIONS FLANGED SUITABLE TO BE CONNECTED TO INSTRUMENT PROCESS CONNECTION 2 x 1/4" NPT-F.

CERTIFICATES

1. ATEX Ex-d CERTIFICATE (2014/34/EU)
2. IP66 GRADE (EN/IEC 60529)
3. MATERIAL 3.1 (EN 10204) & HYDROTEST CERTIFICATES
4. CALIBRATION CERTIFICATES (IEC 60770)

REV	DATE	STATUS	PURPOSE OF ISSUE	PRE'D.	CHC'D.	APP'D.	AUTH'D.
03	18/JULY/24	FOURTH ISSUE	FOR CONSTRUCTION	M.Toni	G.Aiardi	G.Oldini	S.Valletti
02	02/JULY/24	THIRD ISSUE	FOR CONSTRUCTION	M.Toni	G.Aiardi	G.Oldini	S.Valletti
01	13/JUN/24	SECOND ISSUE	FOR CONSTRUCTION	M.Toni	G.Aiardi	G.Oldini	S.Valletti
00	24/MAY/24	FIRST ISSUE	FOR APPROVAL	M.Toni	G.Aiardi	G.Oldini	S.Valletti

CROSSWIND ROSETTI MARINO

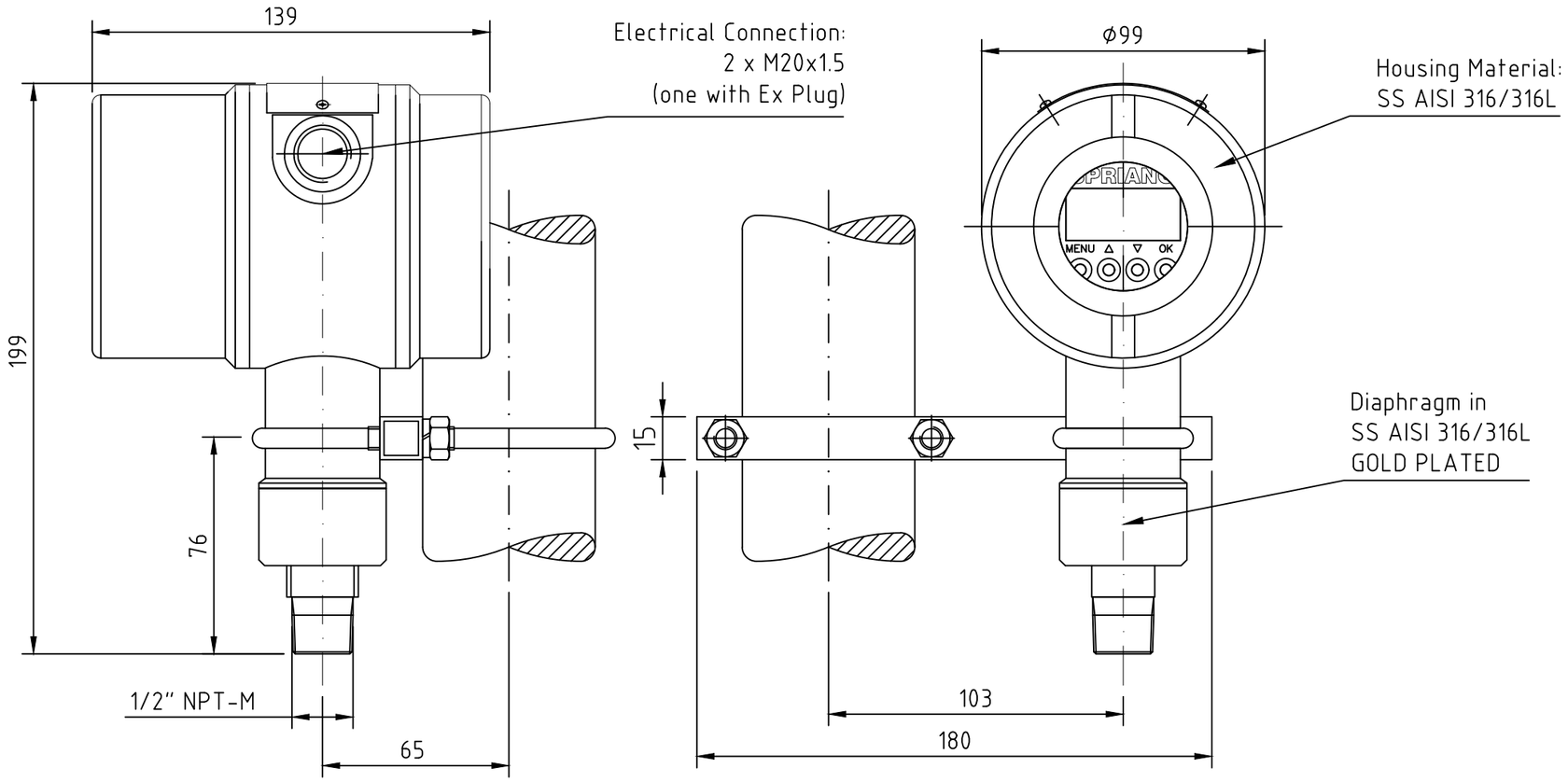
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TERRANOVA
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DRAWING TITLE: DIMENSIONAL DRAWINGS

JOB:	4718_OS	SHEET No.	3 OF 10	REV. 03

SST76 PRESSURE TRANSMITTERS

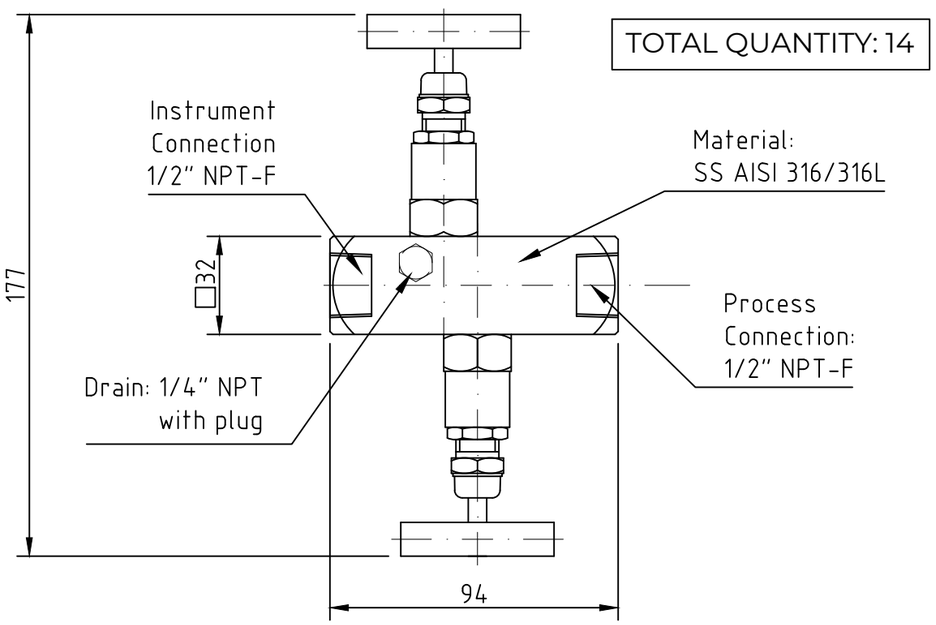


TAG LIST

#	TAG	RANGE	CALIBRATION
1	25-PT-001	0 ÷ 100 barg	0 ÷ 40 barg
2	25-PT-002	0 ÷ 100 barg	0 ÷ 40 barg
3	25-PT-004	0 ÷ 100 barg	0 ÷ 40 barg
4	25-PT-035	0 ÷ 100 barg	0 ÷ 40 barg
5	25-PT-006	0 ÷ 100 barg	0 ÷ 40 barg
6	25-PT-037	0 ÷ 100 barg	0 ÷ 40 barg
7	25-PT-008	0 ÷ 100 barg	0 ÷ 40 barg
8	25-PT-040	0 ÷ 100 barg	0 ÷ 40 barg
9	25-PT-009	0 ÷ 100 barg	0 ÷ 40 barg
10	25-PT-043	0 ÷ 100 barg	0 ÷ 40 barg
11	25-PT-011	0 ÷ 100 barg	0 ÷ 40 barg
12	25-PT-046	0 ÷ 100 barg	0 ÷ 40 barg
13	25-PT-012	0 ÷ 100 barg	0 ÷ 40 barg
14	25-PT-049	0 ÷ 100 barg	0 ÷ 40 barg

TOTAL QUANTITY: 14

MAN2-R6 TWO WAYS AND TWO VALVES MANIFOLD



TOTAL QUANTITY: 14

NOTES

SST76 PRESSURE TRANSMITTERS
SST76-H-7-L-2-9-2-1-4 + MAN2-R6

H - OUTPUT: 4-20 mA + HART
7 - PROCESS CONNECTION: 1/2" NPT M;
L - NOMINAL RANGE: 0 ÷ 100 barg
2 - CALIBRATION: 0 ÷ 40 barg
9 - DIAPHRAGM MATERIAL: SS AISI 316/316L GOLD PLATED
2 - OPTIONS: HOUSING MATERIAL STAINLESS STEEL WITH ELECTRICAL CONNECTIONS 2 x 1/2" NPT-F
1 - OPTIONS: MOUNTING BRACKET FOR 2" PIPE MOUNTING
4 - EXPLOSION PROTECTION 2014/34/EU: ATEX Ex II 1/2G Ex db IIC / IIB, T6/T5, Ga/Gb or ATEX Ex II 1G Ex ia IIC T6/T5/T4 Ga

to be coupled with:
1. MAN2-R6 TWO VALVES AND TWO WAYS MANIFOLD, MATERIAL SS AISI 316/316L, CONNECTION TO INSTRUMENT 1/2" NPT-F, PROCESS CONNECTION 1/2" NPT-F.

NOTES:
1. OVERALL ACCURACY OF PT (COMPREHENSIVE OF HYSTERESIS, NON-LINEARITY, REPEATABILITY) IS WITHIN +/- 0,07% FS;
2. ALL ITEMS ARE EQUIPPED WITH SS NAMEPLATE;
3. FILLING OF ELEMENT IS FORESEEN WITH DOW CORNING SILICONIC OIL;
4. ELECTRICAL CONNECTION ARE: 2 X 1/2" NPT-F (ONE PLUGGED);
5. INTEGRAL LCD /CONFIGURABLE ENGINEERING UNITS;
6. INGRESS PROTECTION EN 60529: IP66;
7. HOUSING MATERIAL STAINLESS STEEL;
8. ALL INSTRUMENT ARE SIL2/SIL3 CERTIFIED;
9. HART 6.

CERTIFICATES

1. ATEX Ex-d CERTIFICATE (2014/34/EU)
2. IP66 GRADE (EN/IEC 60529)
3. MATERIAL 3.1 (EN 10204) & HYDROTEST CERTIFICATES
4. CALIBRATION CERTIFICATES (IEC 60770)

REV	DATE	STATUS	PURPOSE OF ISSUE	PRE'D.	CHC'D.	APP'D.	AUTH'D.
03	18/JULY/24	FOURTH ISSUE	FOR CONSTRUCTION	M.Toni	G. Aiardi	G. Oldini	S. Valletti
02	02/JULY/24	THIRD ISSUE	FOR CONSTRUCTION	M.Toni	G. Aiardi	G. Oldini	S. Valletti
01	13/JUN/24	SECOND ISSUE	FOR CONSTRUCTION	M.Toni	G. Aiardi	G. Oldini	S. Valletti
00	24/MAY/24	FIRST ISSUE	FOR APPROVAL	M.Toni	G. Aiardi	G. Oldini	S. Valletti

CROSSWIND ROSETTI MARINO

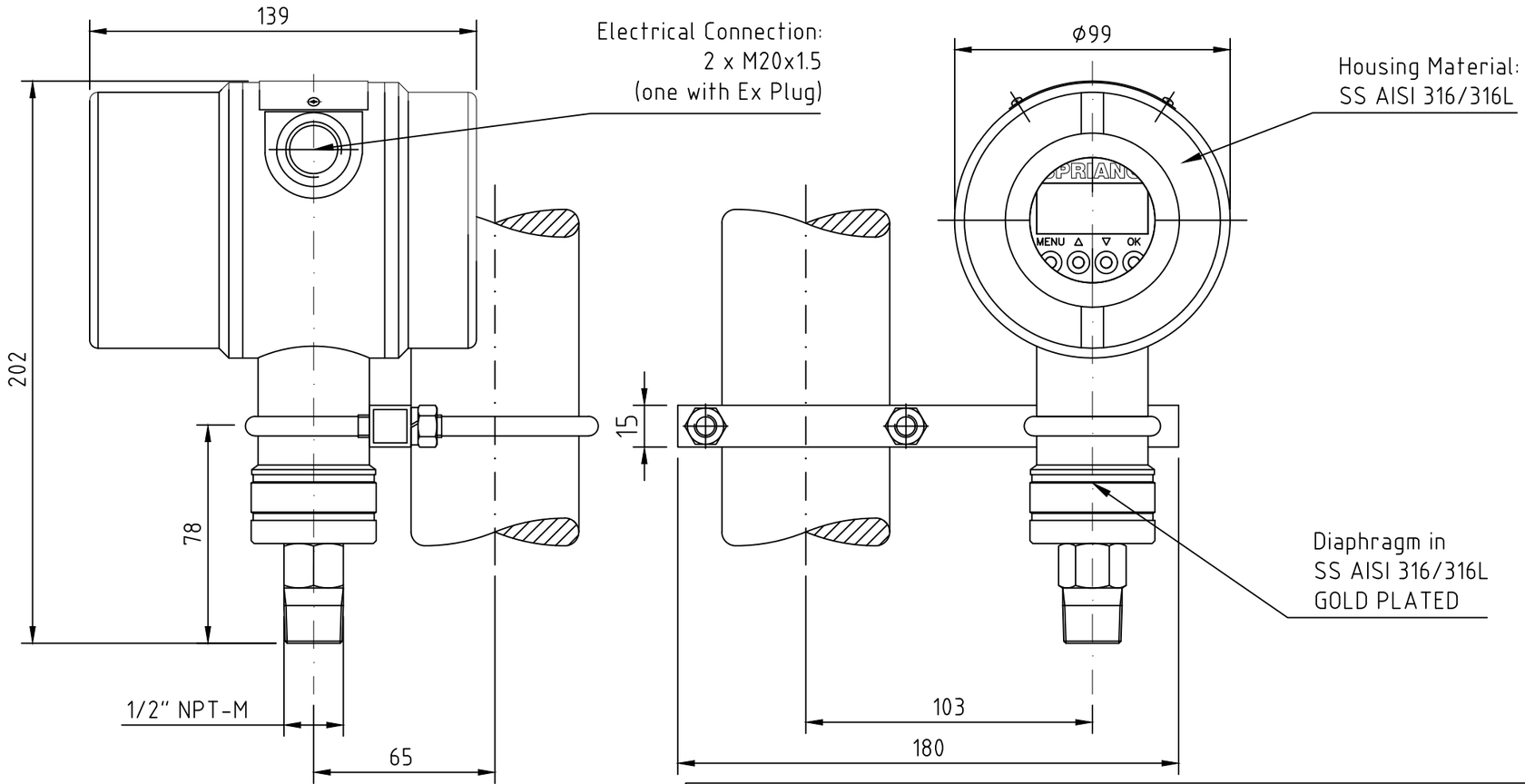
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DRAWING TITLE: DIMENSIONAL DRAWINGS

JOB:	4718_OS	SHEET No.	4 OF 10	REV. 03

SST76 PRESSURE TRANSMITTERS

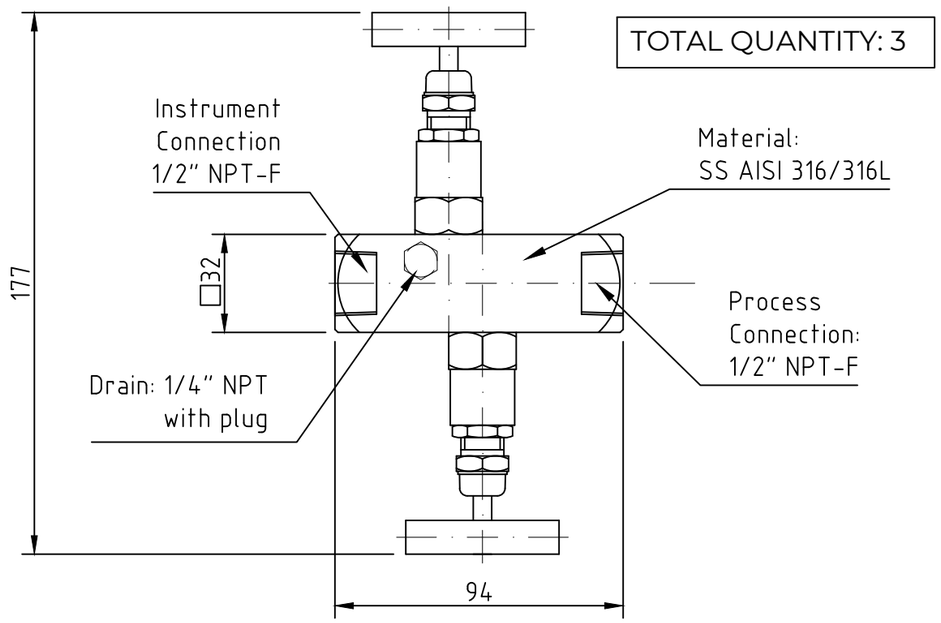


TAG LIST

#	TAG	RANGE	CALIBRATION
15	25-PT-055A	0 ÷ 30 barg	0 ÷ 10 barg
16	25-PT-055B	0 ÷ 30 barg	0 ÷ 10 barg
17	43-PT-001	0 ÷ 5 barg	0 ÷ 3,5 barg

TOTAL QUANTITY: 3

MAN2-R6 TWO WAYS AND TWO VALVES MANIFOLD



NOTES

SST76 PRESSURE TRANSMITTERS
SST76-H-7-...-2-9-2-1-4 + MAN2-R6

H - OUTPUT: 4-20 mA + HART
7 - PROCESS CONNECTION: 1/2" NPT M;
... - NOMINAL RANGE: refer to TAG LIST TABLE
2 - CALIBRATION: refer to TAG LIST TABLE
9 - DIAPHRAGM MATERIAL: SS AISI 316/316L GOLD PLATED
2 - OPTIONS: HOUSING MATERIAL STAINLESS STEEL WITH ELECTRICAL CONNECTIONS 2 x 1/2" NPT-F
1 - OPTIONS: MOUNTING BRACKET FOR 2" PIPE MOUNTING
4 - EXPLOSION PROTECTION 2014/34/EU: ATEX Ex II 1/2G Ex db IIC / IIB, T6/T5, Ga/Gb or ATEX Ex II 1G Ex ia IIC T6/T5/T4 Ga

to be coupled with:
1. MAN2-R6 TWO VALVES AND TWO WAYS MANIFOLD, MATERIAL SS AISI 316/316L, CONNECTION TO INSTRUMENT 1/2" NPT-F, PROCESS CONNECTION 1/2" NPT-F.

NOTES:
1. OVERALL ACCURACY OF PT (COMPREHENSIVE OF HYSTERESIS, NON-LINEARITY, REPEATABILITY) IS WITHIN +/- 0,07% FS;
2. ALL ITEMS ARE EQUIPPED WITH SS NAMEPLATE;
3. FILLING OF ELEMENT IS FORESEEN WITH DOW CORNING SILICONIC OIL;
4. ELECTRICAL CONNECTION ARE: 2 X 1/2" NPT-F (ONE PLUGGED);
5. INTEGRAL LCD /CONFIGURABLE ENGINEERING UNITS;
6. INGRESS PROTECTION EN 60529: IP66;
7. HOUSING MATERIAL STAINLESS STEEL;
8. ALL INSTRUMENT ARE SIL2/SIL3 CERTIFIED;
9. HART 6.

CERTIFICATES

1. ATEX Ex-d CERTIFICATE (2014/34/EU)
2. IP66 GRADE (EN/IEC 60529)
3. MATERIAL 3.1 (EN 10204) & HYDROTEST CERTIFICATES
4. CALIBRATION CERTIFICATES (IEC 60770)

REV	DATE	STATUS	PURPOSE OF ISSUE	PRE'D.	CHC'D.	APP'D.	AUTH'D.
03	18/JULY/24	FOURTH ISSUE	FOR CONSTRUCTION	M. Sanì	G. Airaudi	G. Obolini	S. Valletti
02	02/JULY/24	THIRD ISSUE	FOR CONSTRUCTION	M. Sanì	G. Airaudi	G. Obolini	S. Valletti
01	13/JUN/24	SECOND ISSUE	FOR CONSTRUCTION	M. Sanì	G. Airaudi	G. Obolini	S. Valletti
00	24/MAY/24	FIRST ISSUE	FOR APPROVAL	M. Sanì	G. Airaudi	G. Obolini	S. Valletti

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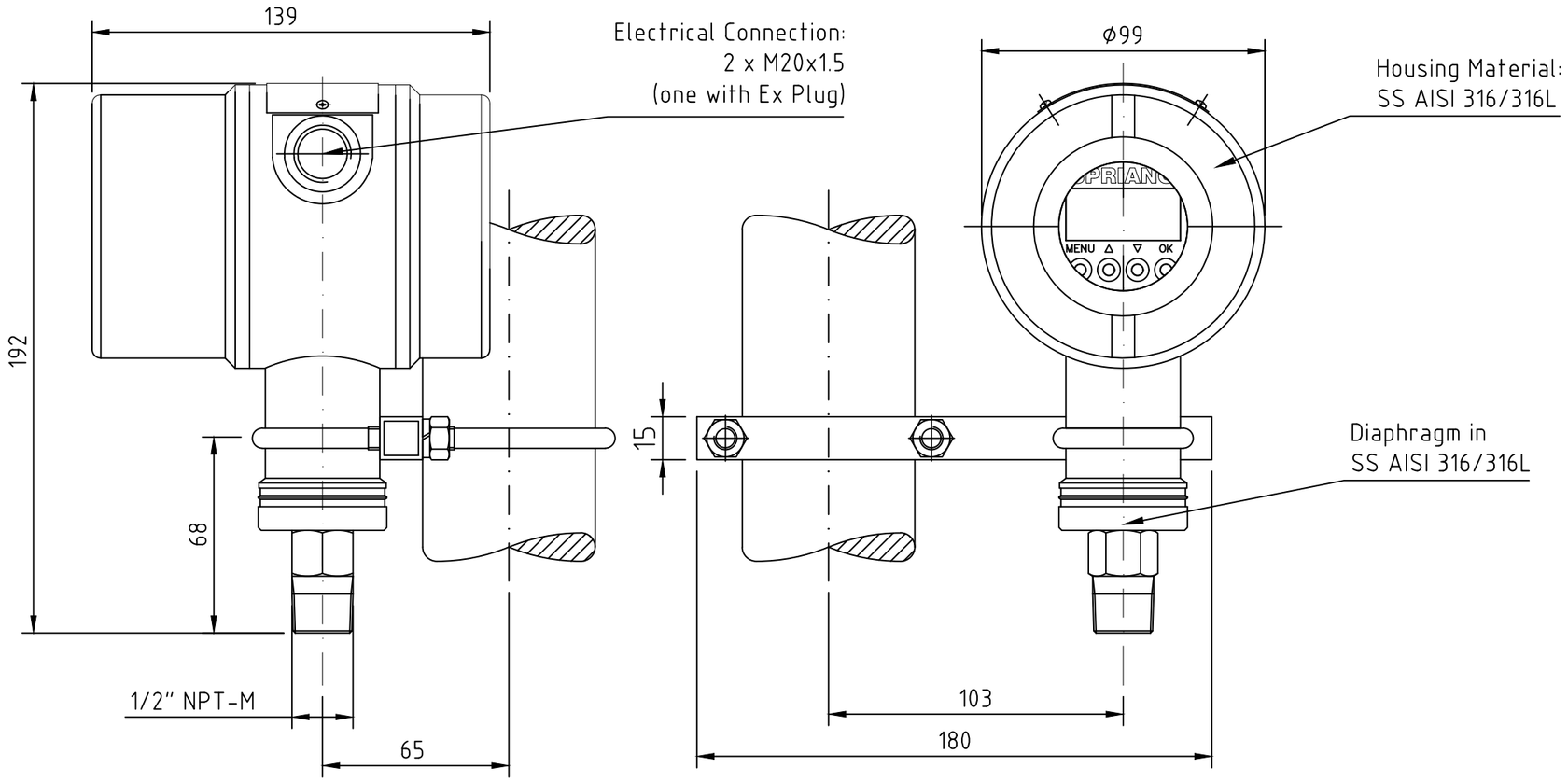
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DRAWING TITLE: DIMENSIONAL DRAWINGS

JOB:	4718_OS	SHEET No.	5 OF 10	REV. 03

SST76 PRESSURE TRANSMITTERS

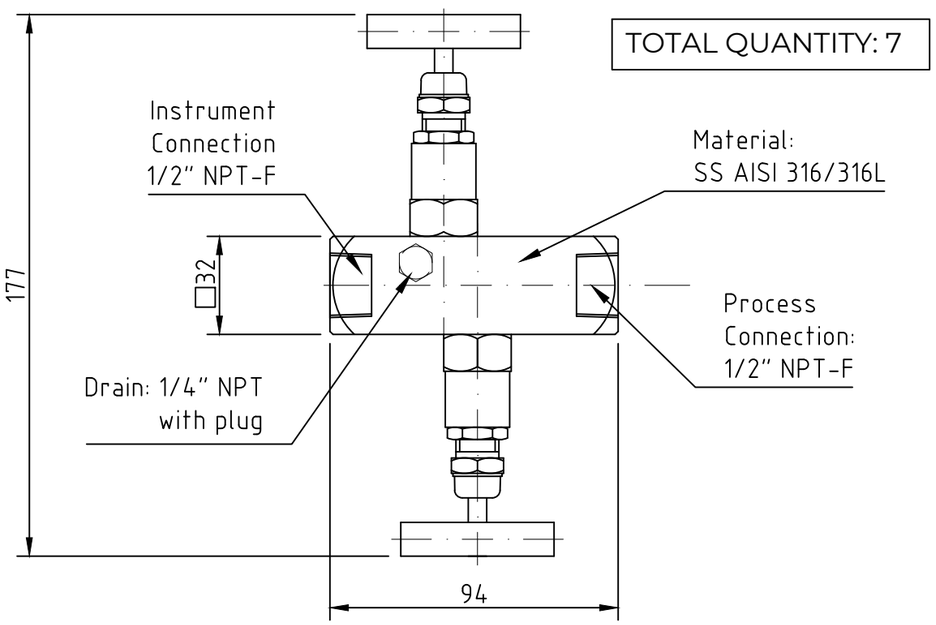


TAG LIST

#	TAG	RANGE	CALIBRATION
18	50-PT-014	0 ÷ 30 barg	0 ÷ 18 barg
19	63-PT-003	0 ÷ 30 barg	0 ÷ 11 barg
20	63-PT-004	0 ÷ 30 barg	0 ÷ 11 barg
21	64-PT-031A	0 ÷ 30 barg	0 ÷ 10 barg
22	64-PT-031B	0 ÷ 30 barg	0 ÷ 10 barg
23	64-PT-002	0 ÷ 30 barg	0 ÷ 10 barg
24	80-PT-002	0 ÷ 30 barg	0 ÷ 10 barg

TOTAL QUANTITY: 7

MAN2-R6 TWO WAYS AND TWO VALVES MANIFOLD



NOTES

SST76 PRESSURE TRANSMITTERS
SST76-H-7-K-2-0-2-1-4 + MAN2-R6

H - OUTPUT: 4-20 mA + HART
7 - PROCESS CONNECTION: 1/2" NPT M;
K - NOMINAL RANGE: 0 ÷ 30 barg
2 - CALIBRATION: refer to TAG LIST TABLE
0 - DIAPHRAGM MATERIAL: SS AISI 316/316L
2 - OPTIONS: HOUSING MATERIAL STAINLESS STEEL WITH ELECTRICAL CONNECTIONS 2 x 1/2" NPT-F
1 - OPTIONS: MOUNTING BRACKET FOR 2" PIPE MOUNTING
4 - EXPLOSION PROTECTION 2014/34/EU: ATEX Ex II 1/2G Ex db IIC / IIB, T6/T5, Ga/Gb or ATEX Ex II 1G Ex ia IIC T6/T5/T4 Ga

to be coupled with:
1. MAN2-R6 TWO VALVES AND TWO WAYS MANIFOLD, MATERIAL SS AISI 316/316L, CONNECTION TO INSTRUMENT 1/2" NPT-F, PROCESS CONNECTION 1/2" NPT-F.

NOTES:
1. OVERALL ACCURACY OF PT (COMPREHENSIVE OF HYSTERESIS, NON-LINEARITY, REPEATABILITY) IS WITHIN +/- 0,07% FS;
2. ALL ITEMS ARE EQUIPPED WITH SS NAMEPLATE;
3. FILLING OF ELEMENT IS FORESEEN WITH DOW CORNING SILICONIC OIL;
4. ELECTRICAL CONNECTION ARE: 2 X 1/2" NPT-F (ONE PLUGGED);
5. INTEGRAL LCD /CONFIGURABLE ENGINEERING UNITS;
6. INGRESS PROTECTION EN 60529: IP66;
7. HOUSING MATERIAL STAINLESS STEEL;
8. ALL INSTRUMENT ARE SIL2/SIL3 CERTIFIED;
9. HART 6.

CERTIFICATES

1. ATEX Ex-d CERTIFICATE (2014/34/EU)
2. IP66 GRADE (EN/IEC 60529)
3. MATERIAL 3.1 (EN 10204) & HYDROTEST CERTIFICATES
4. CALIBRATION CERTIFICATES (IEC 60770)

REV	DATE	STATUS	PURPOSE OF ISSUE	PRE'D.	CHC'D.	APP'D.	AUTH'D.
03	18/JULY/24	FOURTH ISSUE	FOR CONSTRUCTION	M.Toni	G. Aiardi	G. Oldini	S. Valletti
02	02/JULY/24	THIRD ISSUE	FOR CONSTRUCTION	M.Toni	G. Aiardi	G. Oldini	S. Valletti
01	13/JUN/24	SECOND ISSUE	FOR CONSTRUCTION	M.Toni	G. Aiardi	G. Oldini	S. Valletti
00	24/MAY/24	FIRST ISSUE	FOR APPROVAL	M.Toni	G. Aiardi	G. Oldini	S. Valletti

CROSSWIND ROSETTI MARINO

P.O. No.: 24/01611/PO | Mod_CAR_Rev17-01 | SCALE – 1:2

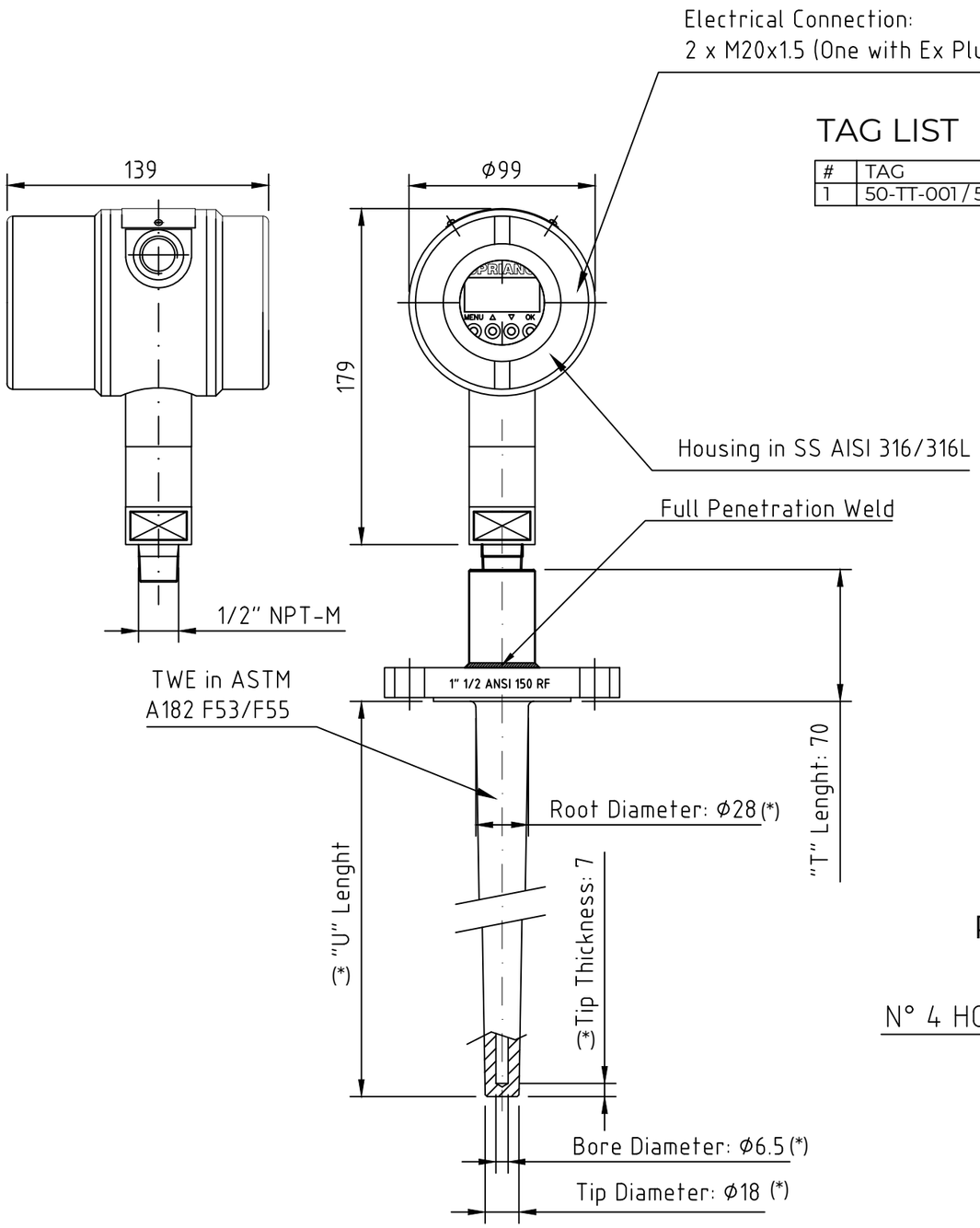
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DRAWING TITLE: DIMENSIONAL DRAWINGS

JOB: 4718_OS | SHEET No. 6 OF 10 | REV. 03

SST72 TEMPERATURE TRANSMITTERS

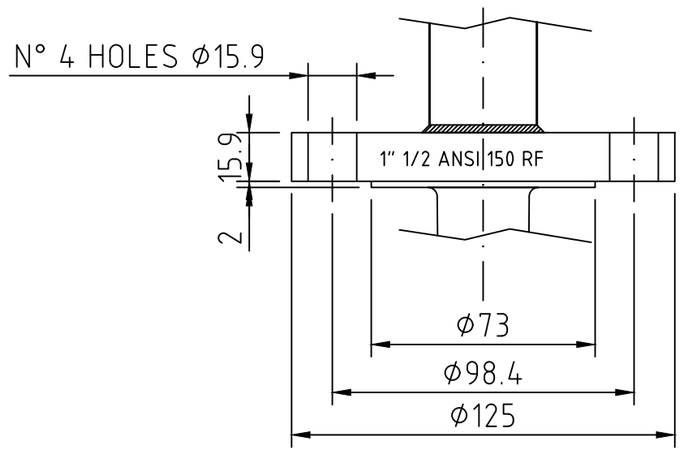


TAG LIST

#	TAG	CALIBRATION RANGE	"U" LENGHT
1	50-TT-001 / 50-TE-001 / 50-TW-001	0 ÷ 50 °C	220 mm

TOTAL QUANTITY: 1

PROCESS CONNECTION: 1" 1/2 ANSI 150 RF



(*) TWE dimensions will be confirmed after Wake Frequencies Calculation approval

NOTES

SST72 TEMPERATURE TRANSMITTER
SST72-TH-1-C-9-1-B-4-3 + TWE

TH - OUTPUT: 4-20 mA + HART
1 - PROCESS CONNECTION: 1/2" NPT-M, SPRING LOADED (PROBE Ø6mm)
C - TYPE OF SENSOR (EXTENSION PROBE): RIGID INOX MGO Ø6mm AISI 316
9 - CALIBRATION RANGE: 0 ÷ 50 °C
1 - RTD TYPE: CLASS A (SINGLE ELEMENT, 3 WIRES)
B - HOUSING TYPE/MATERIAL: BOTTOM CONNECTION, STAINLESS STEEL
4 - EXPLOSION PROTECTION 2014/34/EU: ATEX Ex II 1/2G Ex db IIC / IIB, T6/T5, Ga/Gb or ATEX Ex II 1/2G Ex ia IIC T6/T5/T4 Ga/Gb
3 - LOCAL MOUNTING WITH ELECTRICAL CONNECTIONS 2x M20x1.5

COMPLETE WITH:
1. TWE, BARSTOCK THERMOWELL, MATERIAL: ASTM A182 F53/F55, FLANGED 1" 1/2 ANSI 150 RF.

NOTES:
1. OVERALL ACCURACY IS WITHIN +/-0,1% FS;
2. ALL ITEMS ARE EQUIPPED WITH SS 316 NAMEPLATE;
3. ALL ITEMS HAVE INGRESS PROTECTION EN 60529: IP66;
4. HOUSING MATERIAL: STAINLESS STEEL;
5. ELECTRICAL CONNECTIONS ARE 2 x M20x1.5 (ONE PLUGGED);
6. INTEGRAL LCD DISPLAY FOR ALL ITEMS, as PER SPRIANO STD;
7. SHEAT MATERIAL SS AISI 316;
8. HART 6.

CERTIFICATES

1. ATEX Ex-d CERTIFICATE (2014/34/EU)
2. IP66 GRADE (EN/IEC 60529)
3. MATERIAL 3.1 (EN 10204) & HYDRAULIC TEST CERTIFICATES
4. CALIBRATION CERTIFICATES (IEC 60770)
5. WAKE FREQUENCIES CALCULATIONS
6. DYE PENETRANT TEST ON THERMOWELLS

REV	DATE	STATUS	PURPOSE OF ISSUE	PRE'D.	CHC'D.	APP'D.	AUTH'D.
03	18/JULY/24	FOURTH ISSUE	FOR CONSTRUCTION	M. Toni	G. Aiardi	G. Oldini	S. Valletti
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00	24/MAY/24	FIRST ISSUE	FOR APPROVAL	M. Toni	G. Aiardi	G. Oldini	S. Valletti

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P.O. No.: 24/01611/PO | Mod_CAR_Rev17-01 | SCALE – 1:3

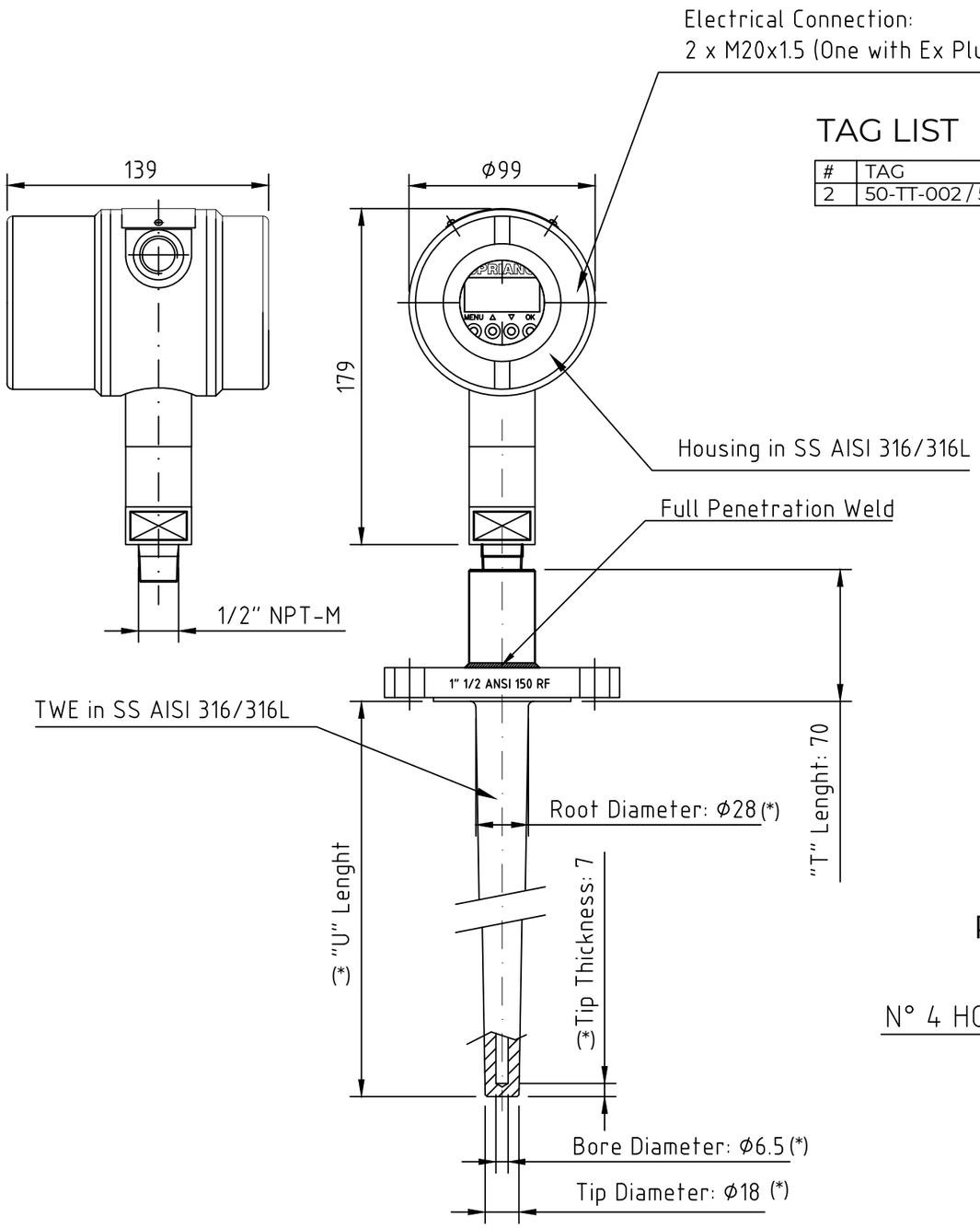
TERRANOVA
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TERRANOVA SRL

DRAWING TITLE: DIMENSIONAL DRAWINGS

JOB:	4718_OS	SHEET No.	7 OF 10	REV. 03

SST72 TEMPERATURE TRANSMITTERS

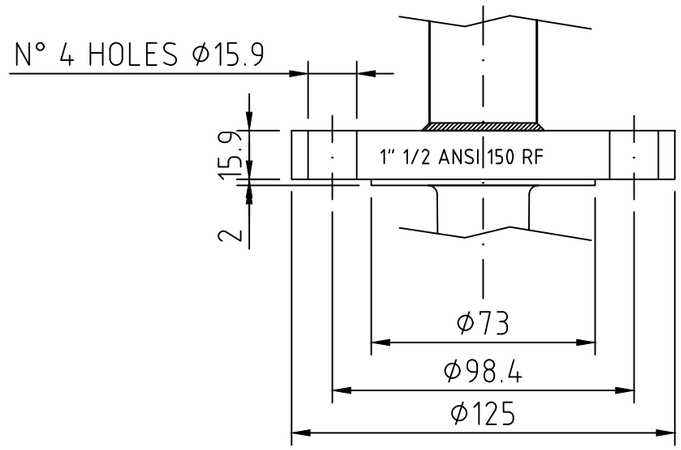


TAG LIST

#	TAG	CALIBRATION RANGE	"U" LENGHT
2	50-TT-002 / 50-TE-002 / 50-TW-002	0 ÷ 80 °C	220 mm

TOTAL QUANTITY: 1

PROCESS CONNECTION: 1" 1/2 ANSI 150 RF



(*) TWE dimensions will be confirmed after Wake Frequencies Calculation approval

NOTES

SST72 TEMPERATURE TRANSMITTER
SST72-TH-1-C-9-1-B-4-3 + TWE

TH - OUTPUT: 4-20 mA + HART
1 - PROCESS CONNECTION: 1/2" NPT-M, SPRING LOADED (PROBE Ø6mm)
C - TYPE OF SENSOR (EXTENSION PROBE): RIGID INOX MGO Ø6mm AISI 316
9 - CALIBRATION RANGE: 0 ÷ 80 °C
1 - RTD TYPE: CLASS A (SINGLE ELEMENT, 3 WIRES)
B - HOUSING TYPE/MATERIAL: BOTTOM CONNECTION, STAINLESS STEEL
4 - EXPLOSION PROTECTION 2014/34/EU: ATEX Ex II 1/2G Ex db IIC / IIB, T6/T5, Ga/Gb or ATEX Ex II 1/2G Ex ia IIC T6/T5/T4 Ga/Gb
3 - LOCAL MOUNTING WITH ELECTRICAL CONNECTIONS 2x M20x1.5

COMPLETE WITH:
1. TWE, BARSTOCK THERMOWELL, MATERIAL: SS AISI 316L, FLANGED 1" 1/2 ANSI 150 RF.

NOTES:
1. OVERALL ACCURACY IS WITHIN +/-0,1% FS;
2. ALL ITEMS ARE EQUIPPED WITH SS 316 NAMEPLATE;
3. ALL ITEMS HAVE INGRESS PROTECTION EN 60529: IP66;
4. HOUSING MATERIAL: STAINLESS STEEL;
5. ELECTRICAL CONNECTIONS ARE 2 x M20x1.5 (ONE PLUGGED);
6. INTEGRAL LCD DISPLAY FOR ALL ITEMS, as PER SPRIANO STD;
7. SHEAT MATERIAL SS AISI 316;
8. HART 6.

CERTIFICATES

1. ATEX Ex-d CERTIFICATE (2014/34/EU)
2. IP66 GRADE (EN/IEC 60529)
3. MATERIAL 3.1 (EN 10204) & HYDRAULIC TEST CERTIFICATES
4. CALIBRATION CERTIFICATES (IEC 60770)
5. WAKE FREQUENCIES CALCULATIONS
6. DYE PENETRANT TEST ON THERMOWELLS

REV	DATE	STATUS	PURPOSE OF ISSUE	PRE'D.	CHC'D.	APP'D.	AUTH'D.
03	18/JULY/24	FOURTH ISSUE	FOR CONSTRUCTION	M.Toni	G.Airaudi	G.Oldini	S.Valletti
02	02/JULY/24	THIRD ISSUE	FOR CONSTRUCTION	M.Toni	G.Airaudi	G.Oldini	S.Valletti
01	13/JUN/24	SECOND ISSUE	FOR CONSTRUCTION	M.Toni	G.Airaudi	G.Oldini	S.Valletti
00	24/MAY/24	FIRST ISSUE	FOR APPROVAL	M.Toni	G.Airaudi	G.Oldini	S.Valletti

CROSSWIND ROSETTI MARINO

P.O. No.: 24/01611/PO | Mod_CAR_Rev17-01 | SCALE – 1:3

TERRANOVA
SPRIANO Varkon MEC-REL.A
TERRANOVA SRL

DRAWING TITLE: DIMENSIONAL DRAWINGS

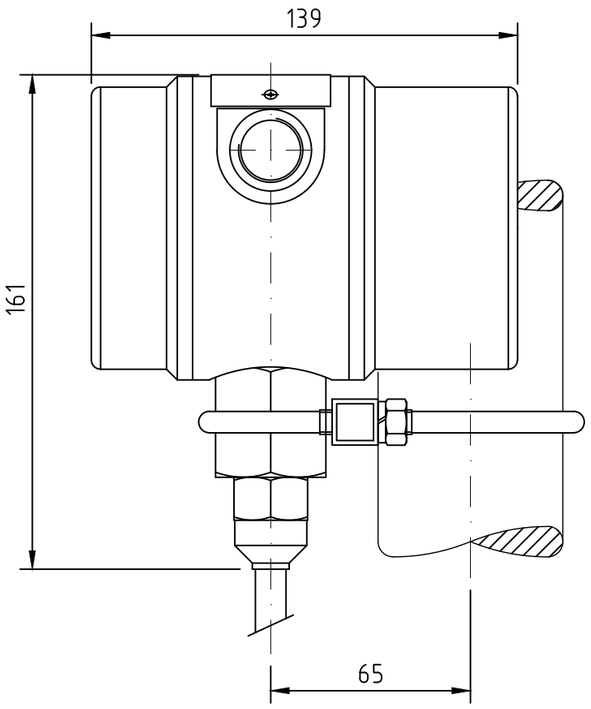
JOB:	4718_OS	SHEET No.	8 OF 10	REV. 03

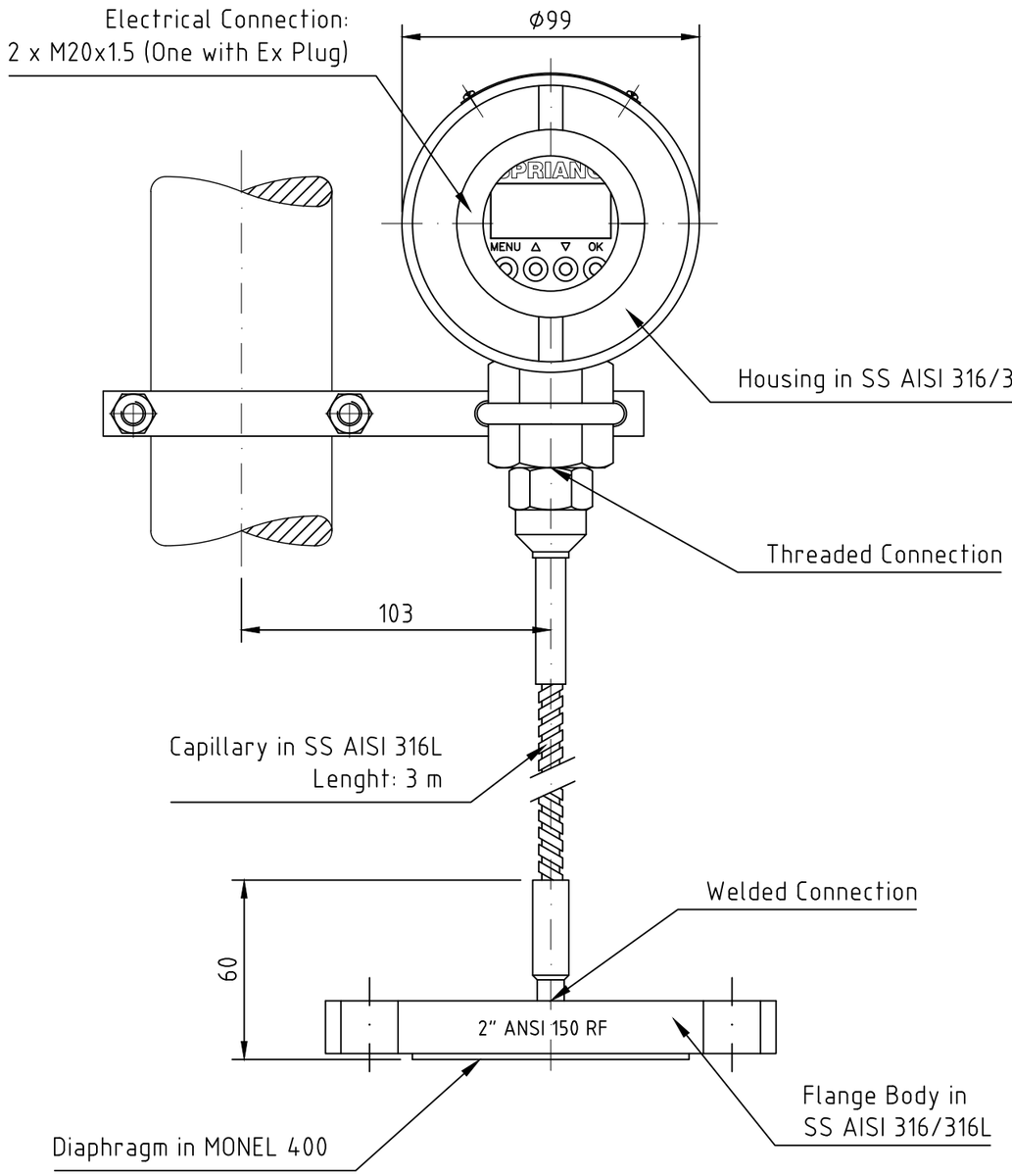
SST76 PRESSURE TRANSMITTERS

TAG LIST

#	TAG NUMBER	NOMINAL RANGE	CALIBRATION RANGE
1	50-PT-001	0 ÷ 30 bar	0 ÷ 18 barg
2	50-PT-002	0 ÷ 30 bar	0 ÷ 18 barg

TOTAL QUANTITY: 2





NOTES

SST76 PRESSURE TRANSMITTERS
SST76-H-7-K-2-9-2-1-4 + SEA03 + CAP-2-03

H - OUTPUT: 4-20 mA + HART
7 - PROCESS CONNECTION: FLUSH DIAPHRAGM SEAL 2" ANSI 150RF (SEA03);
K - NOMINAL RANGE: 0 ÷ 30 bar
2 - CALIBRATION: 0 ÷ 18 barg
9 - DIAPHRAGM MATERIAL: MONEL 400, BODY IN SS AISI 316/316L
2 - OPTIONS: HOUSING MATERIAL STAINLESS STEEL WITH ELECTRICAL CONNECTIONS 2 x 1/2" NPT-F
1 - OPTIONS: MOUNTING BRACKET FOR 2" PIPE MOUNTING
4 - EXPLOSION PROTECTION 2014/34/EU: ATEX Ex II 1/2G Ex db IIC / IIB, T6/T5, Ga/Gb or ATEX Ex II 1G Ex ia IIC T6/T5/T4 Ga

OPTIONS/ACCESSORIES:
1. SEA03 - FLUSH DIAPHRAGM SEAL 2" ANSI 150RF, DIAPHRAGM IN MONEL, BODY AND FLANGE RING IN SS AISI 316
2. CAP-2-03 - STAINLESS STEEL ARMOURED CAPILLARY, LENGTH 3m

NOTES:
1. OVERALL ACCURACY OF PT (COMPREHENSIVE OF HYSTERESIS, NON-LINEARITY, REPEATABILITY) IS WITHIN +/- 0,07% FS;
2. ALL ITEMS ARE EQUIPPED WITH SS NAMEPLATE;
3. FILLING OF ELEMENT IS FORESEEN WITH DOW CORNING SILICONIC OIL;
4. ELECTRICAL CONNECTION ARE: 2 X 1/2" NPT-F (ONE PLUGGED);
5. INTEGRAL LCD /CONFIGURABLE ENGINEERING UNITS;
6. INGRESS PROTECTION EN 60529: IP66;
7. HOUSING MATERIAL STAINLESS STEEL;
8. ALL INSTRUMENT ARE SIL2 CERTIFIED;
9. HART 6;
10. CAPILLARY IS WELDED TO INSTRUMENT PROCESS CONNECTION.

CERTIFICATES

1. ATEX Ex-d CERTIFICATE (2014/34/EU)
2. IP66 GRADE (EN/IEC 60529)
3. MATERIAL 3.1 (EN 10204) & HYDROSTATIC TEST CERTIFICATES
4. CALIBRATION CERTIFICATES (IEC 60770)

REV	DATE	STATUS	PURPOSE OF ISSUE	PRE'D.	CHC'D.	APP'D.	AUTH'D.
03	18/JULY/24	FOURTH ISSUE	FOR CONSTRUCTION	M.Toni	G.Aiardi	G.Oldini	S.Valletti
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00	24/MAY/24	FIRST ISSUE	FOR APPROVAL	M.Toni	G.Aiardi	G.Oldini	S.Valletti

CROSSWIND ROSETTI MARINO

P.O. No.: 24/01611/PO | Mod_CAR_Rev17-01 | SCALE – 1:2

TERRANOVA
SPIRIANO Vulcanair MEC-REELA
TERRANOVA SRL

DRAWING TITLE: DIMENSIONAL DRAWINGS

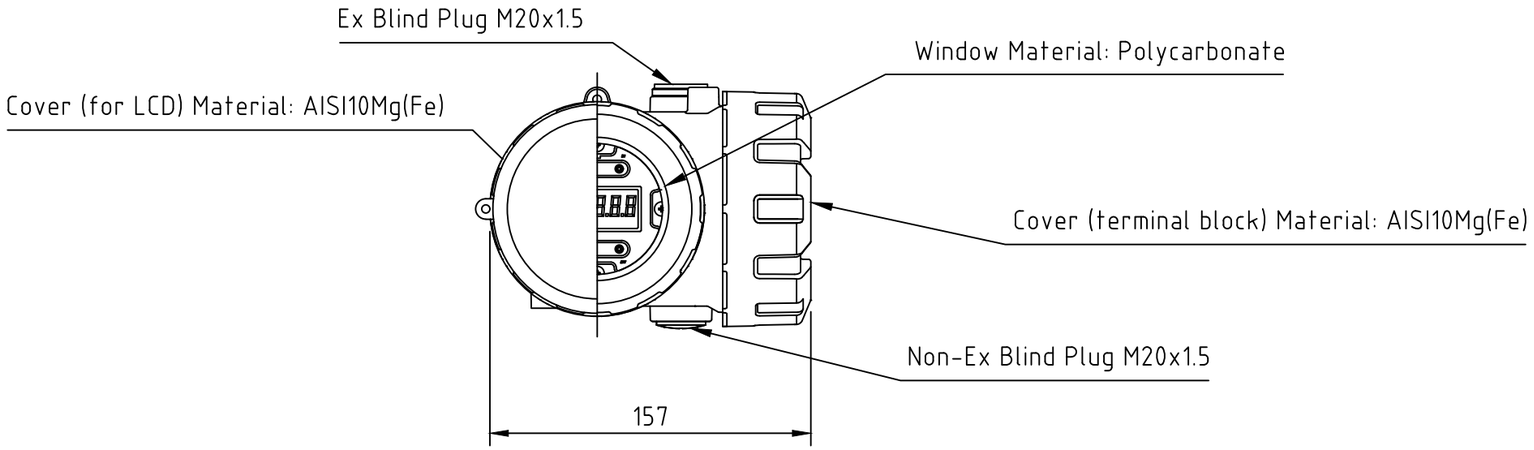
JOB:	4718_OS	SHEET No.	9 OF 10	REV. 03

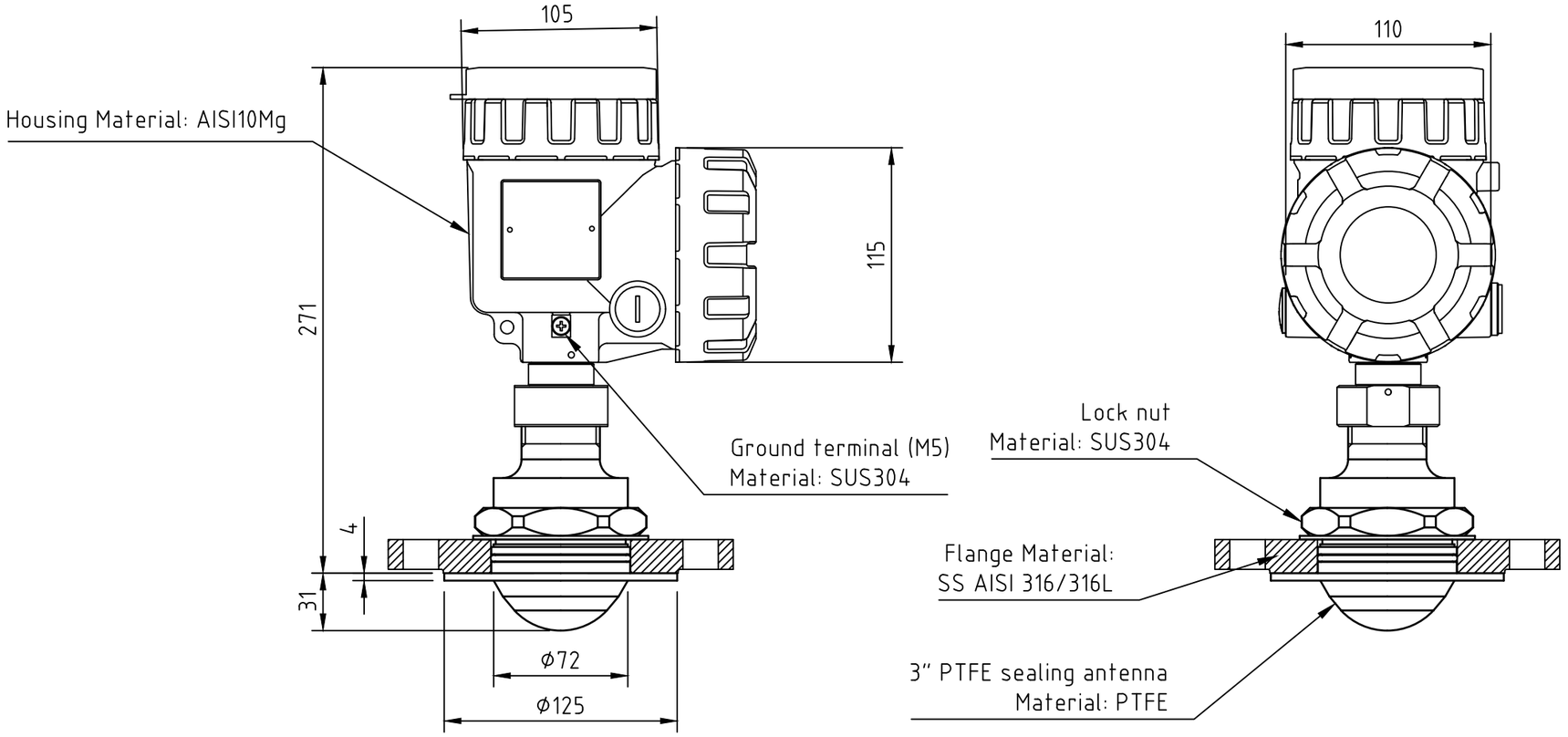
KRG RADAR LEVEL TRANSMITTER

TAG LIST

#	TAG	MEASURING RANGE	CALIBRATION RANGE
1	55-LIT-001	0 ÷ 5000 mm	0 ÷ 4660 mm

TOTAL QUANTITY: 1





NOTES

KRG RADAR LEVEL TRANSMITTERS
KRG-E-P3-R01-N-L-D08-F79-N00-N-D-V-81-A-R2-Z6

E = TYPE OF MEAUSURE: Level
P3 = TYPE OF SENSOR: 3" flush radar antenna (process connection 3" ANSI 150 RF)
R01 = MEASURING RANGE: 0 ÷ 5000 mm
N = OIL FILLING: No filling
L = TEMPERATURE: -40 ÷ 200° C
D08 = TYPE OF HOUSING: Aluminum painted Ø 105 mm
F79 = PROCESS CONNECTION: Flange DN 3" ANSI 150 RF
N00 = EXTENSION LENGHT: No extension
N = SENSOR MATERIAL: PTFE (Flange Material SS AISI 316/316L)
D = GASKET MATERIAL: FKM Viton (-15/+200 °C)
V = WETTED PARTS: PTFE Coating
81 = ELECTRICAL CONNECTION: Screwed 2 x M20
A = CURRENT 4÷20 mA 2 WIRES + HART (std 0,25% FS)
R2 = EX CERTIFICATION: ATEX Approval Ex-d
Z6 = 1 OPTIONS / ACCESSORIES: Display

CERTIFICATES

1. ATEX Ex-d CERTIFICATE (2014/34/EU)
2. MATERIAL CERTIFICATES 3.1 (EN 10204)
3. CALIBRATION CERTIFICATES (IEC 60770)

REV	DATE	STATUS	PURPOSE OF ISSUE	PRE'D.	CHC'D.	APP'D.	AUTH'D.
03	18/JULY/24	FOURTH ISSUE	FOR CONSTRUCTION	M. Soni	G. Aiardi	G. Oldoni	S. Valletti
02	02/JULY/24	THIRD ISSUE	FOR CONSTRUCTION	M. Soni	G. Aiardi	G. Oldoni	S. Valletti
01	13/JUN/24	SECOND ISSUE	FOR CONSTRUCTION	M. Soni	G. Aiardi	G. Oldoni	S. Valletti
00	24/MAY/24	FIRST ISSUE	FOR APPROVAL	M. Soni	G. Aiardi	G. Oldoni	S. Valletti

CROSSWIND ROSETTI MARINO

P.O. No.: 24/01611/PO | Mod_CAR_Rev17-01 | SCALE – 1:3

TERRANOVA
SPIRIANO VORTEXTER MEC-RELA
TERRANOVA SRL

DRAWING TITLE: DIMENSIONAL DRAWINGS

JOB:	4718_OS	SHEET No.	10 OF 10	REV. 03