



# INSTRUMENTS SPECIFICATION SPECIFICA STRUMENTI

Specification N° : 1E35-80-1113

Specifica N°

Customer - Cliente

:

Sheet

: 1 of 6

Plant - Impianto

:

SABIZ 25000 Kg/h

Foglio

Job - Commessa

:

1E35Z

Rev.

: 2

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## PRESSURE TRANSMITTERS AND DIFF. PRESS. TRANSMITTERS (LEVEL)

Tramettitori di pressione e press. diff. (livello)

### Desmet Ballestra Supply

#### REVISIONS INDEX - INDICE DELLE REVISIONI

SHEET	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
REV. 0	x	x	x	x	x																					
REV. 1	x					x																				
REV. 2	X					X																				
REV. 3																										
REV. 4																										
REV. 5																										

SHEET	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
REV. 0																										
REV. 1																										
REV. 2																										
REV. 3																										
REV. 4																										
REV. 5																										

2	ISSUE FOR ORDER n. 101939	RCL	25.10.10
1	ISSUE FOR BID - Sh. 6	RCL	06.10.10
0	ISSUE FOR ORDER n. 101589 - INVENSYS	RCL	27.09.10
REV	Issue Description	Author	Date
Rev.	Descrizione	Autore	Data

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**INSTRUMENT SPECIF. - PRESSURE TRANSMITTERS**

DWG.	1E35-80-1113
FOLIO	DI
SHEET	OF
REV.	0

CLIENTE	SABIZ	25000 Kg/h
CUSTOMER		
COMMESSA	1E35Z	LIMITA'
JOB		UNIT.

**CARATTERISTICHE GENERALI**  
**GENERAL CHARACTERISTICS**

**TRASMETTITORE TRANSMITTER**

**Tipo TYPE**

**MONTAGGIO MOUNTING**

**ELEM. RIVELATORE DETECTOR**

**MAX PRESS. STATICA MAX STATIC. PRESS.**

**SOVRAPPRESSIONE (% SCALA) OVER RANGE (% SCALE)**

**MATERIALI MATERIALS**

**BEGNALE USCITA OUTPUT**

**CONSUMO CONSUMPTION**

**IMPEDENZA IMPEDENCE**

**ALIMENTAZIONE SUPPLY**

**ESEC. CASSA HOUSING TYPE**

**PRESSURE**

**ELETTRONICO ELECTRONIC**

**EQUILIBRIO FORZE FORCE BALANCE**

**SU PRESA TAP**

**ALTRO OTHER**

**BOURDON BOURDON**

**BOFFETTO BELLOWS**

**PNEUMATICO PNEUMATIC**

**EQUILIBRIO SPOSTAMENTI DISPLACEMENT BALANCE**

**SU STAFFA YOKE**

**A PARETE SURFACE**

**BARTON BARTON**

**SEMPLICE SINGLE**

**DOPPIO DOUBLE**

**MAX PRESS. DIFF. MAX DIFF. PRESS.**

**LIMITI DI TEMP. LAVORO OPERATING TEMP. LIMITS**

**CORPO BODY**

**ELEM. RIVELATORE DETECTOR**

**PARTI A CONT. FLUIDO WETTED PARTS**

**CASSA CASE**

**VITER. ESTERNA EXTERNAL SCREWS**

**AISI 316**

**AISI 316**

**AISI 316**

**LEGAL AL ALLOY**

**INOX SST**

**ALTRO OTHER**

**ALTRO OTHER**

**ALTRO OTHER**

**ALTRO OTHER**

**ALTRO OTHER**

**ALTRO OTHER**

**ALTRO OTHER**

**ALTRO OTHER**

**ALTRO OTHER**

**Nm/h**

**VA**

**Ω**

**pig**

**W. FRF.**

**STAGNA ALLE INTERR. WH. PRF.**

**IP-65**

22	COSTRUZ. ELETTR.	NORME STD	CLASSE CLASS	DIV. DIV.	GRUPPO GROUP
23	ELETTR. CONSTRUCT	TIPO TYPE			
24	ATTACCHI CONNECTIONS	PROCESSO PROCESS	<input checked="" type="checkbox"/> 1/2" NPT F.	<input checked="" type="checkbox"/> ALTRO OTHER	FLANGED (*)
25		PNEUMATICI PNEUMATIC	<input type="checkbox"/> 1/4" NPT F.	<input type="checkbox"/> ALTRO OTHER	
26		ELETTRICI ELECTRIC	INGRESSO INLET	1/2" NPT	USCITA OUTLET
27	INDIC. INCORPORATO BUILT IN INDICATOR	<input checked="" type="checkbox"/> SI YES	<input type="checkbox"/> NO	LUNGH. SCALA SCALE LENGTH	DKIT.
28	AMPLIFICATORE AMPLIFIER	<input checked="" type="checkbox"/> SI YES	<input type="checkbox"/> NO	ESTR. RADICE QUADRA SQUARE ROOT EXTRACTOR	<input type="checkbox"/> SI YES <input type="checkbox"/> NO
29	PRECISIONE ACCURACY	<input type="checkbox"/> $\pm 0,5\%$	MAX VALORE SCALA OF FULL SCALE	<input checked="" type="checkbox"/> ALTRO OTHER	$\pm 0,25\%$
ACCESSORI ACCESSORIES					
30	SEPARAT. A MEMBR. DIAPHRAGM SEAL	LIQUIDO SEPARATORE SEAL LIQUID	3" ANSI-600* L.F. (*)		
31		ATTACCO CONNECTION	ANSI CAPILLARE ANSI		
32		MATERIALI: SEPARATORE MATERIALS: DIAPHRAGM SEAL			
33		LUNGH. CAPILLARE CAPILLARY LENGTH	3000 mm		
34	FILTRO RIDUTTORE AIR SUPPLY FILTER				
35	ALIMENTAZIONE ELETTRICA ELECTRICAL SUPPLY				
36	IND. SEGNALE USCITA LOCAL INDICATOR				
37	SMORZATORE DAMPENER				
38					
39					
40	NOTE NOTES				
41	(*) WITH EXTENSION: 150 mm				

[illegible]

NOTE NOTES	Viscosity 8000 cps
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59	2				DATI D'ACQUISTO PURCHASING DATA	"	"	"
60	1				N. R.D.O.			
61	0	ISSUE FOR JOB 1E35Z	09/10/84		CONSTRUTTORE MANUFACTURER	Foxboro		
62	1	For Order	1/10/84		MODELLO MODEL	IGR40-A20 E 1F-M1		
63	1	Address from Italy	6/10/84		FORNITORE SUPPLIER	INVENYS		
64	1				N. ORDINE ORDER NO.	101589		
65	0	ISSUE			DATA EMISSIONE ORDINE ORDER ISSUING DATE			
66	REV.	DESCRIZIONE DESCRIPTION	DATA DATE	COMP. BY	APPR. APPR.	DATA CONSEGNA DELIVERY DATE		

ORIGINALI ITALIANO - INGLESE  
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BALLESTRA S.p.A.

SPECIFICA STRUMENTI - TRASMETTITORI PRESSIONE

INSTRUMENT SPECIF. - PRESSURE TRANSMITTERS

CLIENTE  
CUSTOMER  
COMMESSA  
JOB

SABIZ 25000 Kg/h  
1E35Z

UNITA'  
UNIT.

DWG. 1E35-80-1113

FOGLIO  
SHEET

2

DI  
OF

REV. 0

CARATTERISTICHE GENERALI  
GENERAL CHARACTERISTICS

TRASMETTITORE  
TRANSMITTER

TIPO  
TYPE

☒ PRESSIONE  
PRESSURE

☒ ELETTRONICO  
ELECTRONIC

☐ PNEUMATICO  
PNEUMATIC

☐ EQUILIBRIO FORZE  
FORCE BALANCE

☐ EQUILIBRIO SPOSTAMENTI  
DISPLACEMENT BALANCE

MONTAGGIO  
MOUNTING

☐ SU PRESA  
TAP

☒ SU STAFFA  
YOKE

☐ A PARETE  
SURFACE

☐ ALTRO  
OTHER

ELEM. RIVELATORE  
DETECTOR

☐ BOURDON  
BOURDON

☐ BARTON  
BARTON

☒ DIAFRAMMA  
DIAPHRAGM

☐ SOFFIETTO  
BELLOWS

☐ SEMPLICE  
SINGLE

☐ DOPIO  
DOUBLE

MAX PRESS. STATICA  
MAX STATIC PRESS.

MAX PRESS. DIFF.  
MAX DIFF. PRESS.

SOVRAPPRESSIONE (% SCALA)  
OVER RANGE (% SCALE)

LIMITI DI TEMP. LAVORO  
OPERATING TEMP. LIMITS

CORPO  
BODY

☒ AISI 316

☐ ALTRO  
OTHER

ELEM. RIVELATORE  
DETECTOR

☒ AISI 316

☐ ALTRO  
OTHER

PARTI A CONT. FLUIDO  
WETTED PARTS

☒ AISI 316

☐ ALTRO  
OTHER

CASSA  
CASE

☐ LEGA AL  
AL ALLOY

☒ ALTRO  
OTHER

VITER. ESTERNA  
EXTERNAL SCREWS

☒ INOX  
SST

☐ ALTRO  
OTHER

SEGNAL. USCITA  
OUTPUT

☐ 3 + 15 psig

☒ 4 + 20 mA

☐ ALTRO  
OTHER

CONSUMO  
CONSUMPTION

Nm<sup>3</sup>/h

IMPEDENZA  
IMPEDENCE

ALIMENTAZIONE  
SUPPLY

ELETTRICA  
ELECTRICAL

24 Vdc FROM PLC

PNEUMATICA  
PNEUMATIC

psig

ESEC. CASSA  
HOUSING TYPE

☐ NORMALE  
G. P.

☐ STAGNA ALLA MARCIA  
W. PRF.

☐ STAGNA ALLE INTIMP.  
WH. PRF.

☒ ALTRO  
OTHER

IP65

22 COSTRUIZ.  
ELETTR.

NORME  
STD

CLASSE  
CLASS

DIV.  
DIV.

GRUPPO  
GROUP

23 ELETTR.  
CONSTRUCT

TIPO  
TYPE

24 ATTACCHI  
CONNECTIONS

PROCESSO  
PROCESS

☐ 1/2" NPT F.

☒ ALTRO  
OTHER

FLANGED (\*)

25 PNEUMATICI  
PNEUMATIC

☐ 1/4" NPT F.

☐ ALTRO  
OTHER

26 ELETTRICI  
ELECTRIC

INGRESSO  
INLET

1/2" NPT F

USCITA  
OUTLET

27 INDIC. INCORPORATO  
BUILT IN INDICATOR

☒ SI  
YES

☐ NO

LUNGH. SCALA  
SCALE LENGTH

DIGIT.

28 AMPLIFICATORE  
AMPLIFIER

☒ SI  
YES

☐ NO

ESTR. RADICE QUADRA  
SQUARE ROOT EXTRACTOR

☐ SI  
YES

☐ NO

29 PRECISIONE  
ACCURACY

☐ ± 0.5 %

MAX VALORE SCALA  
OF FULL SCALE

☒ ALTRO  
OTHER

± 0.25 %

ACCESSORI  
ACCESSORIES

(\*)

30 SEPARAT. A MEMBR.  
DIAPHRAGM SEAL

LIQUIDO SEPARATORE  
SEAL LIQUID

SILICON OIL

31 ATTACCO  
CONNECTION

3" ANSI 150# RF

32 MATERIALI SEPARATORE  
MATERIALS: DIAPHRAGM SEAL

AISI 316

CAPILLARE  
CAPILLARY

YES

AISI 304

33 LUNGH. CAPILLARE  
CAPILLARY LENGTH

3000 mm.

34 FILTRO RIDUTTORE  
AIR SUPPLY FILTER

35 ALIMENTAZIONE ELETTRICA  
ELECTRICAL SUPPLY

36 IND. SEGNALE USCITA  
LOCAL INDICATOR

37 SMORZATORE  
DAMPENER

38 (\*) WITH EXTENSION: 150 mm.

39

40

41

NOTE  
NOTES

SIGLA  
TAG NO.

FLUIDO  
FLUID

SERVIZIO  
SERVICE

MAX.  
TEMP.

°C

CAMPO  
RANGE

mm. H<sub>2</sub>O  
bar

TARATURA  
CALIBRATION

mm. H<sub>2</sub>O  
bar

SCALA  
SCALE

ESTENS.  
RANGE

TIPO  
TYPE

ORDINE  
PURCH. DATA

NOTE  
NOTES

PT63.4

SLURRY

SUCTION

65

07:21

0-16

0-6

L

63P3A/B/C

BAR

NOTE  
NOTES

VISCOSITY : 10.000 CPS

S.G : 1.1 - 1.3 Kg/dm<sup>3</sup>

TROPICALIZATION REQUIRED

2

1

0.1 ISSUE FOR JOB 1E35Z 09/10

ISSUE FOR JOB: 2 CSE 06/04

ORDER: 24134F 2/98

Issue for tender. 01/98

DATI D'ACQUISTO  
PURCHASING DATA

N. R.D.O.

COSTRUTTORE  
MANUFACTURER

Foxboro

MODELLO  
MODEL

IGP10-1.20.D.1E-M1

FORNITORE  
SUPPLIER

+ DIAPHR. SEAL

N. ORDINE  
ORDER NO.

INVEUSYS

DATA EMISSIONE ORDINE  
ORDER ISSUING DATE

101589

DATA CONSEGNA  
DELIVERY DATE

REV.

DESCRIZIONE  
DESCRIPTION


DATA  
DATE

COMP.  
BY

APPR.  
APPR.

DATA CONSEGNA  
DELIVERY DATE



	<b>INSTRUMENT SPECIFICATION</b>				Specification N° : <b>1E35.80.1113</b>																																																																																																																																																																																																																						
	<b>SPECIFICA STRUMENTI</b>				Specifica N°																																																																																																																																																																																																																						
	Customer - Cliente :				Sheet : <b>6</b> of <b>6</b>																																																																																																																																																																																																																						
	Plant - Impianto : <b>SABIZ 3000 Kg/h</b>				Foglio																																																																																																																																																																																																																						
Job - Commessa : <b>1E35Z</b>				Rev. : <b>2</b>																																																																																																																																																																																																																							
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<b>PRESSURE TRANSMITTERS</b>																																																																																																																																																																																																																											
Rev.	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>Transmitter</td> <td><input checked="" type="checkbox"/> Gauge Press.</td> <td><input type="checkbox"/> Level</td> </tr> <tr> <td></td> <td><input type="checkbox"/> Flow</td> <td><input type="checkbox"/> Temperature</td> </tr> <tr> <td>Type</td> <td><input checked="" type="checkbox"/> Electronic</td> <td><input type="checkbox"/> Pneumat.</td> </tr> <tr> <td></td> <td><input type="checkbox"/> Force balan.</td> <td><input checked="" type="checkbox"/> Smart.</td> </tr> <tr> <td>Mounting</td> <td><input type="checkbox"/> Tap</td> <td><input checked="" type="checkbox"/> Yoke</td> </tr> <tr> <td></td> <td><input type="checkbox"/> Surface</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Detector</td> <td><input checked="" type="checkbox"/> Diaphragm</td> <td><input type="checkbox"/> Bourdon</td> </tr> <tr> <td></td> <td><input type="checkbox"/> Barton</td> <td><input type="checkbox"/> Bellows</td> </tr> <tr> <td>Max static pressure</td> <td><b>160</b></td> <td>Barg</td> </tr> <tr> <td>Max differential pressure</td> <td></td> <td>Barg</td> </tr> <tr> <td>Oper. temp. Limits (electronic)</td> <td><b>-20 / +70</b></td> <td>°C</td> </tr> <tr> <td>Oper. temp. Limits (diaphragm)</td> <td><b>-40 / +85</b></td> <td>°C</td> </tr> <tr> <td>Zero Elevation / Suppression</td> <td><b>Required</b></td> <td></td> </tr> <tr> <td>Materials</td> <td>Body</td> <td>AISI 316</td> </tr> <tr> <td></td> <td>Diaphragm / Wetted parts</td> <td>AISI 316L</td> </tr> <tr> <td></td> <td>Process connections</td> <td>AISI 316</td> </tr> <tr> <td></td> <td>Case</td> <td>MFR. STD.</td> </tr> <tr> <td></td> <td>Gaskets</td> <td>Viton</td> </tr> <tr> <td></td> <td>O-Ring (Oval flanges)</td> <td></td> </tr> <tr> <td></td> <td>Bolting / Nut</td> <td>INOX</td> </tr> <tr> <td></td> <td>Capillary</td> <td>INOX</td> </tr> <tr> <td></td> <td>Fill fluid</td> <td>Silicon Oil</td> </tr> <tr> <td>Transmitter Output</td> <td><input checked="" type="checkbox"/> 4+20 mA with hart protocol</td> <td></td> </tr> <tr> <td>Supply</td> <td><input checked="" type="checkbox"/> 24 V d.c. (2 wire technic)</td> <td></td> </tr> <tr> <td></td> <td>from Controller</td> <td></td> </tr> <tr> <td>Consumption</td> <td><input type="checkbox"/></td> <td>VA</td> </tr> <tr> <td>Impedence</td> <td><input type="checkbox"/></td> <td>Ohm</td> </tr> <tr> <td>Accuracy</td> <td><input checked="" type="checkbox"/> ± 0.075% of full scale</td> <td></td> </tr> <tr> <td>Electrical construction</td> <td><input checked="" type="checkbox"/> Water proof</td> <td></td> </tr> <tr> <td></td> <td><input type="checkbox"/> EEx-ia-IIC-T4</td> <td></td> </tr> <tr> <td>Housing type</td> <td><input checked="" type="checkbox"/> IP 65</td> <td></td> </tr> </table>					Transmitter	<input checked="" type="checkbox"/> Gauge Press.	<input type="checkbox"/> Level		<input type="checkbox"/> Flow	<input type="checkbox"/> Temperature	Type	<input checked="" type="checkbox"/> Electronic	<input type="checkbox"/> Pneumat.		<input type="checkbox"/> Force balan.	<input checked="" type="checkbox"/> Smart.	Mounting	<input type="checkbox"/> Tap	<input checked="" type="checkbox"/> Yoke		<input type="checkbox"/> Surface	<input type="checkbox"/>	Detector	<input checked="" type="checkbox"/> Diaphragm	<input type="checkbox"/> Bourdon		<input type="checkbox"/> Barton	<input type="checkbox"/> Bellows	Max static pressure	<b>160</b>	Barg	Max differential pressure		Barg	Oper. temp. Limits (electronic)	<b>-20 / +70</b>	°C	Oper. temp. Limits (diaphragm)	<b>-40 / +85</b>	°C	Zero Elevation / Suppression	<b>Required</b>		Materials	Body	AISI 316		Diaphragm / Wetted parts	AISI 316L		Process connections	AISI 316		Case	MFR. STD.		Gaskets	Viton		O-Ring (Oval flanges)			Bolting / Nut	INOX		Capillary	INOX		Fill fluid	Silicon Oil	Transmitter Output	<input checked="" type="checkbox"/> 4+20 mA with hart protocol		Supply	<input checked="" type="checkbox"/> 24 V d.c. (2 wire technic)			from Controller		Consumption	<input type="checkbox"/>	VA	Impedence	<input type="checkbox"/>	Ohm	Accuracy	<input checked="" type="checkbox"/> ± 0.075% of full scale		Electrical construction	<input checked="" type="checkbox"/> Water proof			<input type="checkbox"/> EEx-ia-IIC-T4		Housing type	<input checked="" type="checkbox"/> IP 65		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>Connections transmitter</td> <td>Process N.1</td> <td>1/2" NPT-F</td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td></td> <td><b>See Note 1</b></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td></td> <td></td> <td>Flanged</td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>Electric N.2</td> <td>1/2" NPT-F</td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td></td> <td></td> <td>PG 13,5</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Indicator</td> <td></td> <td><b>Built In</b></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td></td> <td></td> <td>External</td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>N. 2 connection</td> <td>1/2" NPT-F</td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td></td> <td><b>LCD 4 digits indicator settable in engineering units</b></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>Amplifier</td> <td>Yes</td> <td><input checked="" type="checkbox"/></td> <td>No <input type="checkbox"/></td> </tr> <tr> <td>Square root extractor</td> <td>Yes</td> <td><input type="checkbox"/></td> <td>No <input checked="" type="checkbox"/></td> </tr> <tr> <td rowspan="5" style="writing-mode: vertical-rl; transform: rotate(180deg);">High Side Remote Seal</td> <td colspan="3">Process connections type:</td> </tr> <tr> <td>Connection :</td> <td colspan="2"><b>SEE NOTE 1</b></td> </tr> <tr> <td>Seal Type:</td> <td colspan="2"><b>DIAPHRAGM</b></td> </tr> <tr> <td>Fill Fluid type :</td> <td colspan="2"><b>Silicon oil</b></td> </tr> <tr> <td>Diaphragm Material:</td> <td colspan="2"><b>AISI 316L</b></td> </tr> <tr> <td rowspan="5" style="writing-mode: vertical-rl; transform: rotate(180deg);">Low Side Remote Seal</td> <td colspan="3">Process connections type:</td> </tr> <tr> <td>Connection :</td> <td colspan="2">/</td> </tr> <tr> <td>Seal Type:</td> <td colspan="2">/</td> </tr> <tr> <td>Fill Fluid type :</td> <td colspan="2">/</td> </tr> <tr> <td>Diaphragm Material:</td> <td colspan="2">/</td> </tr> <tr> <td rowspan="5" style="writing-mode: vertical-rl; transform: rotate(180deg);">Access.</td> <td colspan="3">Process connections type:</td> </tr> <tr> <td>Connection :</td> <td colspan="2">/</td> </tr> <tr> <td>Seal Type:</td> <td colspan="2">/</td> </tr> <tr> <td>Fill Fluid type :</td> <td colspan="2">/</td> </tr> <tr> <td>Diaphragm Material:</td> <td colspan="2">/</td> </tr> <tr> <td rowspan="5" style="writing-mode: vertical-rl; transform: rotate(180deg);">PED</td> <td colspan="3">Capillary</td> </tr> <tr> <td>Lenght :</td> <td colspan="2"><b>3000 mm</b></td> </tr> <tr> <td>Diaphragm Extension Lenght:</td> <td colspan="2"></td> </tr> <tr> <td>Manifold type:</td> <td colspan="2">---</td> </tr> <tr> <td>Manifold Material:</td> <td colspan="2">---</td> </tr> <tr> <td></td> <td>Air Filter / Regulator:</td> <td colspan="2">---</td> </tr> <tr> <td></td> <td>AISI 304 Mounting bracket:</td> <td colspan="2"><input checked="" type="checkbox"/> Yes</td> </tr> </table>					Connections transmitter	Process N.1	1/2" NPT-F	<input type="checkbox"/>			<b>See Note 1</b>	<input checked="" type="checkbox"/>			Flanged	<input type="checkbox"/>		Electric N.2	1/2" NPT-F	<input checked="" type="checkbox"/>			PG 13,5	<input type="checkbox"/>	Indicator		<b>Built In</b>	<input checked="" type="checkbox"/>			External	<input type="checkbox"/>		N. 2 connection	1/2" NPT-F	<input type="checkbox"/>			<b>LCD 4 digits indicator settable in engineering units</b>	<input checked="" type="checkbox"/>	Amplifier	Yes	<input checked="" type="checkbox"/>	No <input type="checkbox"/>	Square root extractor	Yes	<input type="checkbox"/>	No <input checked="" type="checkbox"/>	High Side Remote Seal	Process connections type:			Connection :	<b>SEE NOTE 1</b>		Seal Type:	<b>DIAPHRAGM</b>		Fill Fluid type :	<b>Silicon oil</b>		Diaphragm Material:	<b>AISI 316L</b>		Low Side Remote Seal	Process connections type:			Connection :	/		Seal Type:	/		Fill Fluid type :	/		Diaphragm Material:	/		Access.	Process connections type:			Connection :	/		Seal Type:	/		Fill Fluid type :	/		Diaphragm Material:	/		PED	Capillary			Lenght :	<b>3000 mm</b>		Diaphragm Extension Lenght:			Manifold type:	---		Manifold Material:	---			Air Filter / Regulator:	---			AISI 304 Mounting bracket:	<input checked="" type="checkbox"/> Yes	
Transmitter	<input checked="" type="checkbox"/> Gauge Press.	<input type="checkbox"/> Level																																																																																																																																																																																																																									
	<input type="checkbox"/> Flow	<input type="checkbox"/> Temperature																																																																																																																																																																																																																									
Type	<input checked="" type="checkbox"/> Electronic	<input type="checkbox"/> Pneumat.																																																																																																																																																																																																																									
	<input type="checkbox"/> Force balan.	<input checked="" type="checkbox"/> Smart.																																																																																																																																																																																																																									
Mounting	<input type="checkbox"/> Tap	<input checked="" type="checkbox"/> Yoke																																																																																																																																																																																																																									
	<input type="checkbox"/> Surface	<input type="checkbox"/>																																																																																																																																																																																																																									
Detector	<input checked="" type="checkbox"/> Diaphragm	<input type="checkbox"/> Bourdon																																																																																																																																																																																																																									
	<input type="checkbox"/> Barton	<input type="checkbox"/> Bellows																																																																																																																																																																																																																									
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Max differential pressure		Barg																																																																																																																																																																																																																									
Oper. temp. Limits (electronic)	<b>-20 / +70</b>	°C																																																																																																																																																																																																																									
Oper. temp. Limits (diaphragm)	<b>-40 / +85</b>	°C																																																																																																																																																																																																																									
Zero Elevation / Suppression	<b>Required</b>																																																																																																																																																																																																																										
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	Fill fluid	Silicon Oil																																																																																																																																																																																																																									
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Accuracy	<input checked="" type="checkbox"/> ± 0.075% of full scale																																																																																																																																																																																																																										
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	<input type="checkbox"/> EEx-ia-IIC-T4																																																																																																																																																																																																																										
Housing type	<input checked="" type="checkbox"/> IP 65																																																																																																																																																																																																																										
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		<b>See Note 1</b>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																								
		Flanged	<input type="checkbox"/>																																																																																																																																																																																																																								
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		PG 13,5	<input type="checkbox"/>																																																																																																																																																																																																																								
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		External	<input type="checkbox"/>																																																																																																																																																																																																																								
	N. 2 connection	1/2" NPT-F	<input type="checkbox"/>																																																																																																																																																																																																																								
		<b>LCD 4 digits indicator settable in engineering units</b>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																								
Amplifier	Yes	<input checked="" type="checkbox"/>	No <input type="checkbox"/>																																																																																																																																																																																																																								
Square root extractor	Yes	<input type="checkbox"/>	No <input checked="" type="checkbox"/>																																																																																																																																																																																																																								
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	Seal Type:	<b>DIAPHRAGM</b>																																																																																																																																																																																																																									
	Fill Fluid type :	<b>Silicon oil</b>																																																																																																																																																																																																																									
	Diaphragm Material:	<b>AISI 316L</b>																																																																																																																																																																																																																									
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Rev.	Sigla Tag	Fluido Fluid	Servizio Service	Oper Temp. °C	Operative Pressure Barg	Taratura Setting Barg	Campo Range Barg	P&I Dwg.	Note																																																																																																																																																																																																																		
	<b>PT 63.11</b>	<b>Slurry</b>	<b>DELIVERYy63P2A/B</b>	<b>65</b>	<b>1</b>	<b>3</b>	<b>8</b>	<b>0 ÷ 12</b>	<b>0-40</b>	<b>1E35-10-1104</b>	<b>1-2</b>																																																																																																																																																																																																																
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Notes					PURCHASING DATA																																																																																																																																																																																																																						
1)_ Process connection: Saddle AISI 316L welded on pipe DN 80/3" ANSI 150#RF. (Supplied with Instrument) Pipe schedule 40 - tck.=3,18 mm					Manufacturer : <b>INVENSYs</b> Model: <b>ICP10-AS3E1F-M1</b>																																																																																																																																																																																																																						
2)_ Density= 1200/1600 Kg/m3 - Viscosity=8000 Cps					Supplier : <b>INVENSYs</b> Order n° : <b>101939</b>																																																																																																																																																																																																																						