



# REMOTE SEAL TYPE DIFFERENTIAL PRESSURE TRANSMITTER

DATA SHEET FKD...4

The FCX-AII differential pressure transmitter accurately measures differential pressure, liquid level or gauge pressure and transmits a proportional 4 to 20mA signal. The transmitter utilizes a unique micromachined capacitance silicon sensor with state-of-the-art microprocessor technology to provide exceptional performance and functionality. Totally welded construction of the seals assures excellent reliability in high temperature and highly corrosive process conditions.

# **FEATURES**

# 1. High accuracy

0.2% accuracy for all calibrated spans is a standard feature for all DP models covering 0.32kPa{3.2mbar} range to 500kPa{5bar} high differential pressure range. 0.1% accuracy is available as option. Fuji's microcapacitance silicon sensor assures this accuracy for all elevated or suppressed calibration ranges without additional adjustment.

# 2. Minimum environmental influence

The "Advanced Floating Cell" design which protects the pressure sensor against changes in temperature, static pressure, and overpressure substantially reduces total measurement error in actual field applications.

 Fuji/HART® bilingual communications protocol and FOUNDATION™ fieldbus and Profibus™ compatibility

FCX-AII series transmitter offers bilingual communications to speak both Fuji proprietary protocol and HART®. Any HART® compatible devices can communicate with FCX-AII. Further, by upgrading electronics FOUNDATION™ fieldbus and Profibus™ are also available.

# 4. Application flexibility

Various options that render the FCX – A II suitable for almost any process applications include:

- Analog indicator at either the electronics side or terminal side
- Full range of hazardous area approvals
- Built-in RFI filter and lightning arrester
- 5-digit LCD meter with engineering unit
- Stainless steel electronics housing
- Wide selection of materials
- High temperature, high vacuum seals

# 5. Programmable output Linearization Function

In addition to Linear and Square Root, output signal can be freely programmable.

(Up to 14 compensated points at approximation.)

 Burnout current flexibility (Under Scale: 3.2 to 3.8mA, Over Scale: 20.8 to 21.6mA)

Burnout signal level is adjustable using Model FXW Hand Held Communicator (HHC) to comply with NAMUR NE43.

# 7. Dry calibration without reference pressure

Thanks to the best combination of unique construction of mechanical parts (Sensor unit) and high performance electronics circuit (Electronics unit), reliability of dry calibration without reference pressure is at equal level as wet calibration.



# **SPECIFICATIONS**

# Functional specifications

Service: Liquid, gas, or vapour Static pressure, span, and range limit:

Type	Static pressure	Span lim (m.)	Range limit	
.,,,,	otatio procedio	Min.	Max.	[kPa] (m bar)
FKD□□3	1	0.32 { 3.2 }	32 { 320 }	+/- 32 {+/- 320}
FKD□□5	Up to flange rating	1.3 { 13 }	130 { 1300 }	+/- 130 {+/- 1300}
FKD□□6	mange rating	5 { 50 }	500 { 5000}	+/- 500 {+/- 5000}

Remark: To minimize environmental influence, span should be greater than 1/40 of the max. span in most applications.

- Lower limit of static pressure (vacuum limit),

Silicone fill sensor: See Fig. 1

Fluorinated fill sensor: Atmospheric pressure

 The maximum span of each sensor can be converted to different units using factors as below.

1MPa=10<sup>3</sup>kPa=10bar=10.19716kgf/cm<sup>2</sup> =145.0377psi

 $1kPa=10mbar=101.976mmH_{2}O=4.01463H_{2}O$ 

Overrange limit: To maximum static pressure limit

Output signal: 4 to 20mA DC (linear or square root) with

digital signal superimposed on the 4 to

nigital signal superimposed on the 4

20mA signal

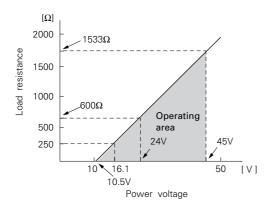
Power supply: Transmitter operates on 10.5V to 45V DC

at transmitter terminals.

10.5V to 32V DC for the units with optional

arrester.

## Load limitations: see figure below



Note: For communication with HHC<sup>(1)</sup> (Model: FXW), min. of 250 $\Omega$  is

#### Hazardous locations:

Authorities	Flameproof	Intrinsic safety	Type n Nonincendive
ATEX	Ex II 2 GD	Ex II 1 GD	Ex II 3 GD
	- EExd IIC T5/T6	- EExia IIC T4/T5	- EExn IIC T4/T5
Factory	Class I II III	Class I II III	Class I II III
Mutual	Div. 1	Div. 1	Div. 2
CSA	Groups B thru. G	Groups A thru. F	Groups A thru. G
	Class I II III	Class I II III	Class I II III
	Div. 1	Div. 1	Div. 2
TIIS	Groups C thru. G Ex do IIB+H, T4	Groups A thru. G Ex ia II C T4 (*)	Groups A thru. G

(\*) Approval pending

## Zero/span adjustment:

Zero and span are adjustable from the HHC<sup>(1)</sup>. Zero and span are also adjustable externally from the adjustment screw (span odjustment is not available with 9th digit code "L, P, M, Q, S, N").

Damping: Adjustable from HHC or local adjustment

unit with LCD display.

The time constant is adjustable between

0.12 to 32 seconds.

## Zero elevation/suppression:

-100% to +100% of URL

#### Normal/reverse action:

Selectable from HHC(1)

Indication: Analog indicator or 5-digit LCD meter, as

specified.

Burnout direction: Selectable from HHC(1)

If self-diagnostic detect transmitter failure, the analog signal will be driven to either "Output Hold", "Output Overscale" or "Output Underscale" modes.

"Output Hold":

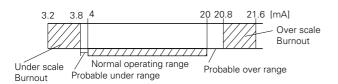
Output signal is hold as the value just before failure happens.

"Output Overscale":

Adjustable within the range 20.8mA to 21.6mA from HHC(1)

"Output Underscale":

Adjustable within the range 3.2mA to 3.8mA from HHC(1)



## Loop-check output:

Transmitter can be configured to provide constant signal 3.8mA through 21.6mA by  $HHC^{(1)}$ .

## Temperature limit:

Ambient: - 40 to + 85°C

(- 20 to + 80°C for LCD indicator) (-40 to +60°C for arrester option)

(- 10 to + 60°C for fluorinated oil fill transmitter)

(- 10 to + 85°C for silicone oil "H", "S", "K")

(+ 20 to + 85°C for silicone oil "J", "T")

For explosionproof units (flameproof or intrinsic safety), ambient temperature must be within the limits specified in each standard.

#### Process:

Fill fluid	Code in the 13th digit of "Code symbols"	Process temperature	Lower limit of static press.
Fluorinated oil	W, A and D	– 20 to 120°C	Atmospheric
Silicone oil	Н	– 15 to 250°C	pressure
	J	85 to 300°C	
	Y and G	– 40 to 120°C	2.7kPa abs
	S	– 15 to 250°C	{20mmHg abs}
	Т	85 to 300°C	
	K	– 15 to 200°C	0.13kPa abs {1mmHg abs} or more

Storage: - 40 to +90°C

**Humidity limit:** 0 to 100% RH

Communication: With HHC(1) (Model FXW, consult Data Sheet No. EDS8-47), following information can be remotely displayed or recon-

figured.

Note: HHC's version must be more than 6.0 (or FXW □□□□1-□3), for FCX-

АΠ

Items		Display	Set
Tag No.		٧	٧
Model No.		V	٧
Serial No.	erial No.		
Engineering u	nit	<b>V</b>	٧
Range limit		٧	
Measuring range		<b>V</b>	٧
Damping	Damping		٧
Output mode	Linear	V	V
Output mode	Square root	<b>V</b>	٧
Burnout direct	tion	٧	٧
Calibration		<b>V</b>	٧
Output adjust			٧
Data		V	
Self diagnoses	3	<b>V</b>	
Printer		-	
External switch lock		٧	V
Transmitter display		٧	٧
Linearize		٧	٧
Rerange		٧	٧

# Programmable output linearization function:

Output signal can be characterized with "14 points linear approximation function" from HHC(1).

# Performance specifications

Reference conditions, silicone oil fill, 316SS isolating diaphragms, 4 to 20mA analog output in linear mode.

Accuracy rating: (including linearity, hysteresis, and repeatability)

(Standard)

For spans greater than 1/10 of URL: 0.2% of span

For spans below 1/10 of URL:

$$\pm \left(0.1+0.1 \frac{0.1 \times URL}{Span}\right) \% \text{ of span}$$

(Option) (Code; 21th digit H,K)

For spans greater than 1/10 of URL: 0.1% of span

For spans below 1/10 of URL:

$$\pm \left(0.05+0.05 \frac{0.1 \times URL}{Span}\right) \% \text{ of span}$$

Stability: ±0.2% of upper range limit (URL) for 6

month.

Temperature effect (\*):

Effects per 28°C change between the lim-

its of - 40°C and +85°C

(Standard) Zero shift: ±0.35% of URL

Total effect: ±0.5% of URL

(Option) (Code; 21th digit J,K)

Zero shift: ±0.3% of URL Total effect: ±0.4% of URL

Note: \* Excluding effect by temperature difference between the seals.

Static pressure effect:

Zero shift; 0.2% of URL for flange rating

pressure

Span shift: - 0.2% of calibrated span for flange rating pressure

Overrange effect: Zero shift; 0.1% of URL for flange rating pressure

Supply voltage effect:

Less than 0.005% fo calibrated span per

RFI effect: Less than 0.2% of URL for the frequen-

cies of 20 to 1000MHz and field strength 30 V/m when electronics covers on. (Classification: 2-abc: 0.2% span per

SAMA PMC 33.1)

Step response: (without electrical damping)

Range code	Time constant (*)	Dead time (*)
"3"	2 s	
"5"	1.7 s	0.2 s
"6"	1.7 s	

<sup>\*)</sup> Faster response is available as option (maximum update rate: 25 times per second)

#### Dielectric strength:

500V AC, 50/60Hz 1 min., between circuit

and earth.

Insulation resistance:

More than  $100M\Omega$  at 500V DC.

Turn-on time: 4 sec.

Internal resistance for external field indicator:

 $12\Omega$  or less

# Physical specifications

#### Electrical connections:

 $G^{1/2}$ ,  $^{1/2}$ -14 NPT, Pq13.5, or M20  $\times$  1.5 conduit, as specified.

And 1-conduit or 2-conduit, as specified.

#### Process connections:

JIS, ANSI, or DIN raised face flanges. JIS: 10K80A, 10K100A, 30K80A, or 30K100A

ANSI: 150LB 3", 150LB 4", 300LB 3", or

300LB 4"

DIN: PN40 DN80 or PN16 DN100

See OUTLINE DIAGRAM for detailed dimensions

# Diaphragm extension:

0, 50, 100, 150, or 200mm as specified. (See model code. Extended diaphragm is available only with 316L stainless steel or Hastelloy-C diaphragm)

#### Process-wetted parts material:

Diaphragm: 316L stainless steel, Hastelloy-

Monel, Tantalum, Titanium or

Zirconium

Flange face: 316 stainless steel, Hastelloy-

C lining

Monel lining, or Tantalum lin-

ing

Extension: 316 stainless steel or

Hastelloy-C

# Non-wetted parts material:

Electronics housing: Low copper die-cast aluminum alloy finished with epoxy/ polyurethane double coating (standard), or 316 stainless steel (SCS14 per JIS G5121), as specified.

Capillary: In case of 11th code "D, E, F, L, M, N, P", PVC armored stainless steel. In case of 13th code "Q, R, S, T, V, W, X", stainless steel armored stainless steel

Mounting flange: 304 stainless steel or carbon steel

Fill fluid: Silicone oil (standard) or fluorinated oil

Mounting bracket: 304 stainless steel

# Environmental protection:

IEC IP67 and NEMA 6/6P

On 60.5mm (JIS 50A) pipe using mount-Mounting:

ing bracket, direct wall mounting

Mass {weight}: Transmitter approximately 15kg without

options.

Add; 0.5kg for mounting bracket 0.8kg for indicator option 4.5kg for stainless steel housing

1.5kg per 50mm extension of diaphragm

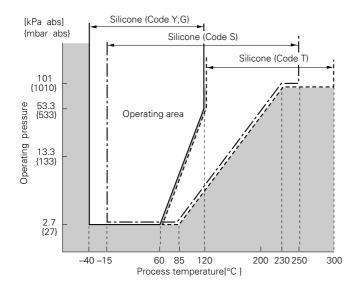


Fig. 1 Relation between process temperature and operating pressure

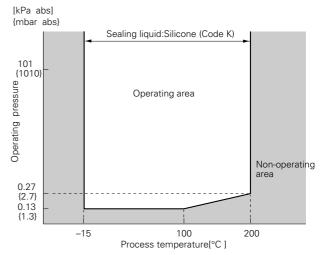


Fig. 2 Relation between process temperature and operating pressure

# Optional features

Indicator: A plug-in analog indicator (1.5% accuracy)

can be housed in the electronics compartment or in the terminal box of the hous-

ıng.

An optional 5-digit LCD meter with engi-

neering unit is also available.

Local adjustment unit with LCD display:

An optional 5-digit LCD meter with Zero/ Span adjustment function, loop-check function and damping adjustment func-

tion, is available.

Arrester: A built-in arrester protects the electronics

from lightning surges. Lightning surge immunity:

 $4kV (1.2 \times 50\mu s)$ 

Oxygen service: Special cleaning procedures are followed

throughout the process to maintain all pro-

cess wetted parts oil-free. The fill fluid is fluorinated oil.

Chlorine service: Oil-free procedures as above. Includes

fluorinated oil for fill.

**Degreasing:** Process-wetted parts are cleaned, but the

fill fluid is standard silicone oil. Not for use on oxygen or chlorine measurement.

Vacuum service: Special silicone oil and filling procedure

are applied.

See Fig. 1, Fig. 2.

Optional tag plate:

An extra stainless steel tag for customer

tag data is wired to the transmitter.

Coating of cell: Cell's surface is finished with epoxy/poly-

urethane double coating. Specify if envi-

ronment is extremely corrosive.

# **ACCESSORIES**

Hand-held communicator:

(Model FXW, refer to Data Sheet No. EDS

8-47)

**Z/S board:** Parts No.=ZZPFCX4-A070

When Z/S board is mounted on the FCX–AII amplifier unit, external adjustment screw will be available for zero and span

adjustment.

# **CODE SYMBOLS**

	I				1 2 3	4 5 6		9 10 11 1	2 13 14 15	21-	– Digit No.
Digit	Conduit		cription	Note	FKD	H	4 -	Ш		-Ц	of code
4	<conduit conne<="" th=""><th>ction&gt;</th><th></th><th></th><th></th><th><u>,                                      </u></th><th></th><th></th><th></th><th></th><th></th></conduit>	ction>				<u>,                                      </u>					
	<sup>1</sup> / <sub>2</sub> -14NPT (×1)	Combination with	12th digit code "C, E, P, Q" are not		ľ	В					
	Pg13.5 (×1)	available.				c					
	M20 × 1.5 (×1)	J				D					
	G <sup>1</sup> /2 (×2)					D S					
	<sup>1</sup> /2-14NPT (×2)					Т					
	Pg13.5 (×2)					V					
L	M20 × 1.5 (×2)					W :					
5	<flange> Mounting flange</flange>	e Flange size and	d								
	304 stainless	JIS 10K 80A	<u>a rating</u>			o					
	steel	JIS 10K 100A				1					
		JIS 30K 80A				2					
		JIS 30K 100A				3					
		ANSI/JPI 150LI	3 3"			4					
		ANSI/JPI 150LI				5					
		ANSI/JPI 300LI				6					
		ANSI/JPI 300LI DIN PN16/40 D				7 8					
		DIN PN16 DN1				9					
		JIS 20K 80A				M					
		ANSI/JPI 600LE	3 3B			R					
	Carbon steel	JIS 10K 80A				A B					
		JIS 10K 100A				В					
		JIS 30K 80A				c					
		JIS 30K 100A				D					
		ANSI/JPI 150LI ANSI/JPI 150LI				F					
		ANSI/JPI 300LE				G					
		ANSI/JPI 300LE				Н					
		DIN PN16/40 D				J					
		DIN PN16 DN1	00			K					
	316 stainless	JIS 10K 80A				s					
	steel	ANSI/JPI 150LI				T					
		ANSI/JPI 150LI				V					
		ANSI/JPI 300LI ANSI/JPI 300LI				W					
		ANSI/JPI 600LE									
	None	3 inch wafer				X					
	(wafer type)	4 inch wafer				Q					
6	<span (*1)<="" limit="" th=""><th>[kPa]{m bar}&gt;</th><th></th><th>Note 1</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></span>	[kPa]{m bar}>		Note 1							
	0.32 32					3					
	{3.2 320}										
	1.3 130 {13 1300}					5					
	5 500					6					
	{50 5000}					ľ					
7	<material diaphi<="" th=""><th>ragm extension&gt;</th><th></th><th></th><th></th><th></th><th>i i</th><th></th><th></th><th></th><th></th></material>	ragm extension>					i i				
	Diaphragm	Flange face	Diaph. extension [mm]								
	316L stainless	316 stainless	0 (				V				
	steel	steel	50				A				
			100 (*2)	Note 2			В				
			150 200				D				
	Hastelloy-C	Hastelloy-C	0				H				
			50				F				
			100				G				
			150				K				
			200				Ļ				
	316L stainless	316 stainless stell	0				J				
	+Au coating Monel	Monel	0				м				
	Tantalum	Tantalum	0				T				
	Titanium	Titanium	0 )	Note 3			P				
	Zirconium	Zirconium	0 (*3)				R				

Note 1: (\*1) 100: 1 turn down is possible, but should be used at a span greater than

1/40 of the maximum span for better performance.

Note 2: (\*2) Available for 13th digit code "S", "T", "K" and 5th digit code "1", "3", "5", "7", "B", "D", "F", "H", "K", "Q", "U", "W".

Note 3: (\*3) Available for 6th code "2", "3" and 5th code "0", "2", "4", "6", "8", "A", "C", "E", "G", "J", "P", "M", "R", "S", "T", "W".

					1	1 2 3 4 5 6 7 8 9 10111213 1415 21	— Digit
Digit	ļ	Descri	ption		Note	FKD     4 -       -   0 -	of co
9		and arrester>					
	Indicator None		Arreste	<u>1</u>			
		o 100% linear scale	None ` None			B	
	-	o 100% illiear scale	None				
	Analog, cus	•	None	Z/S board attached	.		
	-	uble scale (linear and sq. ro		Approval pending			
	None		Yes	for 10th digit code		E	
	Analog, 0 to	o 100% linear scale	Yes	"G, H, J, K, P"			
	Analog, 0 to	o 100% sq. root scale	Yes			G	
	Analog, cus	stom scale	Yes			H	
	Analog, do	uble scale (linear and sq. ro	oot) Yes		. ]	K	
	Digital, 0 to		None			L	
	Digital, cus		None			P	
	-	100% square root	None			M	
	Digital, 0 to		Yes				
	Digital, cus		Yes			S	
		100% square root	Yes			IN	
	Digital, 0 to		av) Name				
	Digital, cus	stment unit with LCD displa	ay) None			2	
		stment unit with LCD displa	ay) None				
	1.	100% square root	-,, 140116	Approval pending		3	
		stment unit with LCD displa	ay) None	for 10th digit code			
	Digital, 0 to	100%	•	"D, E, G, H, J, K, P"			
		stment unit with LCD displa	ay) Yes				
	Digital, cus						
	(Local adjus	stment unit with LCD displa	ay) Yes				
	Digital, 0 to	100% square root				6	
		stment unit with LCD displa	ay) Yes				
10	1	for hazardous locations>					
		ordinary locations)			.,	<u>A</u>	
	1	proof (Conduit seal)		4th digit code "A", "S		B	
	1	proof (Cable gland seal)		4th digit code "A", "S			
		proof (or explosionproof) eproof (or explosionproof)		4th digit code "B", "T' 4th digit code "B", "T'			
	ATEX, Flam		(Available 101 4	till digit code B , I	'	5	
		sic safety (Approval pendin	a)			G	
		ic safety and nonincendive	97			H	
		sic safety and nonincendive	Э				
	ATEX, Intri						
	ATEX, Type	e n				P	
11	<capillary a<="" td=""><td>and mounting bracket&gt;</td><td></td><td></td><td></td><td></td><td></td></capillary>	and mounting bracket>					
	Capillary	Mounting bracket	armor of capi	,			
	1.5 m	304 Stainless steel	PVC	(*4)	Note 4	D	
	3	304 Stainless steel	PVC	(*4)	Note 4	1 1 1	
	5	304 Stainless steel	PVC	(*4)	Note 4	1 1 1 1	
	6	304 Stainless steel	PVC	(*4)	Note 4	1	
	7	304 Stainless steel	PVC	(*4)	Note 4	M	
	8	304 Stainless steel	PVC	(*4)	Note 4		
	10	304 Stainless steel	PVC	(*4)	Note 4		
	1.5	304 Stainless steel	Stainless stee		Note 5 Note 5	1 1 1	
	3 5	304 Stainless steel 304 Stainless steel	Stainless stee		Note 5		
	6	304 Stainless steel	Stainless stee		Note 5	1 1-1 ,	
	7	304 Stainless steel	Stainless stee		Note 4	<del> </del>	
	8	304 Stainless steel	Stainless stee		Note 4	l W	
	10	304 Stainless steel	Stainless stee		Note 4		
12	<options></options>	1	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1 \ ''	1		
	Extra SS ta	ag plate Stainless	steel elec. hous	ing Coating of cell			
	None	None		None			
	Yes	None		None		l l B	
	None	Yes		None			
	Yes \( \( \) (*(			None	Note 6		
	None	None		Yes		M	
	Yes	None		Yes		N	
	None	Yes Yes		Yes Yes		P	
	Yes						

Available for 13th digit code "Y, W, G, A, D". Inquire about in case of 13th other code. Note 4: (\*4)

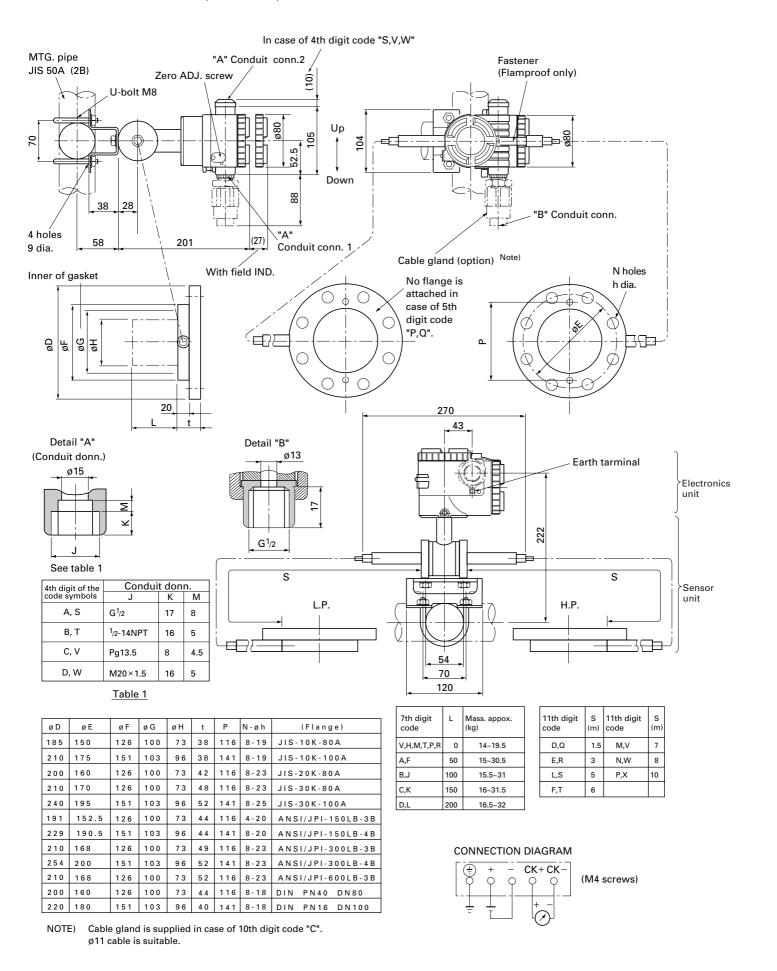
Note 5: (\*5) Available for all 13th digit code.

Customer tag number can be engraved on standard stainless steel name plate. If extra tag plate is required, select "Yes". Note 6: (\*6)

				1 2 3 4 5 6 7 8 9 10 11 12 13	14 15 21	← Digit No.
Digit		Description	Note	F K D         4 -           -	- 0 -	of code
13	<special and<="" applications="" td=""><td>I fill fluid&gt;</td><td></td><td></td><td></td><td></td></special>	I fill fluid>				
	Treatment	Fill fluid				
	Standard	Silicone oil		Y	1111	
	Standard	Fluorinated oil		[ W	1111	
	Degreasing	Silicone oil		G		
	Oxygen service	Fluorinated oil (7th digit code "V", "A", "B", "C", "D"and "J")		A	1111	
	Chlorine service	Fluorinated oil (7th digit code "H", "F", "G", "K", "L"and"T")		D		
	High temp. 250°C	Silicone oil		H		
	High temp. 300°C	Silicone oil		1		
	High temp. and vacuum (250°C)		Note 7	S		
	High temp. and vacuum (300°C)	Silicone oil		T		
	High temp. and high vacuum	Silicone oil				
14	<teflon membrane=""></teflon>					
	None				Y	
	Yes (Available for 5th digit	code "0", "2", "4", "6", "8", "A", "C", "E", "G", "J", "P",			C	
	"M", "R", "S", "T", "U",	, "X" and 7th digit code "V", "H", "M", "T", "P", "R".				
	Not available for the	13th digit code "H", "J", "S", "T", "K".)				
21	<other options=""></other>					
	High accuracy type				H	
	Low temperature effect ty	уре			J	
	H+J				K	

Note 7: (\*7) Treatment; Standard

# **OUTLINE DIAGRAM** (Unit:mm)



The product conforms to the requirements of the Electromagnetic compatibility Directive 94/9/EC as detailed within the technical construction file number TN513035. The applicable standards used to demonstrate compliance are:

**EMI (Emission) EN61326: 1997** 

Frequency range MHz	Limits	Reference standard
30 to 230	40dB (μV/m) quasi peak, measured at 10m distance	CISPR16-1 and CISPR16-2
230 to 1000	47dB (μV/m) quasi peak, measured at 10m distance	

## **EMI (Immunity) EN61326: 1997**

#### Annex A (standard for Industrial Location)

Phenomenon	Test value	Basic standard	Performance criteria
Electrostatic discharge	4kV (Contact) 8kV (Air)	IEC61000-4-2	В
Electromagnetic field	80 to 1000MHz 10V/m 80%AM (1kHz)	IEC61000-4-3	А
Rated power frequency magnetic field	30A/m 50Hz	IEC61000-4-8	А
Burst	2kV 5kHz	IEC61000-4-4	В
Surge	1.2μs/50μs 1kV (Line to line) 2kV (Line to ground)	IEC61000-4-5	В
Conducted RF	0.15 to 80MHz 3V 80%AM (1kHz)	IEC61000-4-6	А

# Note) Definition of performance criteria

- A: During testing, normal performance within the specification limits.
- B: During testing, temporary degradation, or loss of function or performance which is self-recovering.

# **ORDERING INFORMATION**

When ordering this instrument, specify:

- 1. CODE SYMBOLS
- 2. Measuring range
- Output orientation (burnout direction) when abnormality is occurred in the transmitter.
   Hold / Overscale (21.6mA) / Underscale (3.2mA)
   Unless otherwise specified, output hold function is sup-
- Output mode (linear or square root output)
   Unless otherwise specified, output mode is linear.
- 5. Indication method (indicated value and unit) in case of the actual scale (code D, H, P, S on 9th digit).
- 6. Tag No. (up to 26 alphanumerical characters), if required.

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