

Type Examination Certificate

for Electrical Equipment used in Potentially Explosive Atmosphere

Issued by Eurofins E&E CML Limited, Newport Business Park, New Port Road, Ellesmere Port CH65 4LZ, UK		
Applicant	WIKA JAPAN K.K. CIRCLES Gotanda 7F, 1-2-10, Nishigotanda, Shinagawa-ku, Tokyo, 141-0031 Japan	
Manufacturer name	WIKA Alexander Wiegand SE & Co. KG Alexander-Wiegand-Straße 30, 63911 Klingenberg/Main, Germany	
Product name	Pressure transmitter	
Type/model code	IS-3-*-bcde-***-*****-*qrst**-*	
Type of protection	Intrinsic safety	
Group, Temperature Class and EPL	IIA, IIC, T6, T5, T4 Ga, Ga/Gb, Gc IIIB, IIIC, T ₂₀₀ 135°C, Da, Da/Db	
The equipment shall be marked with the following	See attachment 1	
Ratings	See attachment 2	
Special condition for safe use	See attachment 3	
Certificate number	CML 25JPN2031X	
Term of validity	From 30-04-2025 to 29-04-2028	

This is to certify that the equipment specified above complies with the requirements stipulated in Ordinance on Examination of Machines and Other Equipment of the Ministry of Health, Labour and Welfare, Japan.

Issue date: 01-10-2025

Signature of chief examiner:



Attachment 1: Marking

Ex ia IIA T4/T5/T6 Ga
 Ex ia IIC T4/T5/T6 Ga
 Ex ia IIC T4/T5/T6 Ga/Gb
 Ex ia IIIB T200 135°C Da
 Ex ia IIIB T200 135°C Da/Db
 Ex ia IIIC T135°C Da
 Ex ia IIIC T135°C Da/Db
 Ex ic IIC T4/T5/T6 Gc

Typcode Marking

IS-3-*--bcde-***-*****-*qrst**-*

* = not relevant for Ex

Position	Meaning	Feature
bc	Area of use	"11" = EPL Ga "13" = EPL Ga , EPL Da "21" = EPL Ga/Gb "23" = EPL Ga/Gb , EPL Da/Db "31" = EPL Gc
d	Approvals	"1" , "3" or "4" = with explosion protection
e	Ignition protection type	"1" = Intrinsically safe
q	Adjustability	"Z" = Without "T" = Zero point / span adjustable
rs	Electrical connection	Electrical outputs two characters according to table below
t	Cable material	"Z" = Without "A" = PUR "B" = FEP

Attachment 2: Ratings

Intrinsically safe supply and signal circuit (4 -20 mA current loop)

Parameter	Group II	Group III
Voltage U_i	DC 30 V	DC 30 V
Current I_i	100 mA	100 mA
Power P_i	800 mW	750 / 650 / 550 mW (IIIC) 800 / 650 mW (IIIB)
Effective internal capacitance C_i	16.5 nF + 0.2 nF/m	16.5 nF + 0.2 nF/m
Effective internal inductance L_i	0 μ H + 2 μ H/m	0 μ H + 2 μ H/m

Ambient temperature range / Assignment to device Category / Temperature class

Table 1: Ambient and medium temperature range for medium temperatures $\leq 105^\circ\text{C}$

Nomenclature	EPL	Group	Ambient and medium temperature range ($^\circ\text{C}$)	Temperature class / Surface temperature ($^\circ\text{C}$)
BAYONET CONNECTOR ACC. TO MIL-DTL-26482 not adjustable IS-3-*.****-***-*****-*ZO5Z**-**** IS-3-*.****-***-*****-*ZO6Z**-****	Ga/Gb Gc	IIC	-50 $\leq T_a \leq +60$ -50 $\leq T_a \leq +75$ -50 $\leq T_a \leq +105$	T6 T5 T4
	Da/Db	IIIB	-50 $\leq T_a \leq +85$ (800 mW) -50 $\leq T_a \leq +95$ (650 mW)	T ₂₀₀ 135 $^\circ\text{C}$
	Da/Db	IIIC	-50 $\leq T_a \leq +40$ (750 mW) -50 $\leq T_a \leq +70$ (650 mW) -50 $\leq T_a \leq +100$ (550 mW)	T135 $^\circ\text{C}$
BAYONET CONNECTOR ACC. TO MIL-DTL-26482 adjustable IS-3-*.****-***-*****-*TO5Z**-**** IS-3-*.****-***-*****-*TO6Z**-****	Ga/Gb Gc	IIC	-30 $\leq T_a \leq +60$ -30 $\leq T_a \leq +75$ -30 $\leq T_a \leq +105$	T6 T5 T4
	Da/Db	IIIB	-30 $\leq T_a \leq +85$ (800 mW) -30 $\leq T_a \leq +95$ (650 mW)	T ₂₀₀ 135 $^\circ\text{C}$
	Da/Db	IIIC	-30 $\leq T_a \leq +40$ (750 mW) -30 $\leq T_a \leq +70$ (650 mW) -30 $\leq T_a \leq +100$ (550 mW)	T135 $^\circ\text{C}$
CIRCULAR CONNECTOR M16x0.75 ACC. TO IEC61076-2-1065-PIN not adjustable IS-3-*.****-***-*****-*ZB4Z**-**** adjustable IS-3-*.****-***-*****-*TB4Z**-****	Ga/Gb Gc	IIC	-30 $\leq T_a \leq +60$ -30 $\leq T_a \leq +75$ -30 $\leq T_a \leq +85$	T6 T5 T4
	Da/Db	IIIB	-30 $\leq T_a \leq +85$ (800 mW) -30 $\leq T_a \leq +85$ (650 mW)	T ₂₀₀ 135 $^\circ\text{C}$
	Da/Db	IIIC	-30 $\leq T_a \leq +40$ (750 mW) -30 $\leq T_a \leq +70$ (650 mW) -30 $\leq T_a \leq +85$ (550 mW)	T135 $^\circ\text{C}$
CIRCULAR CONNECTOR M12x1 ACC. TO IEC61076-2-101 A-COD, 4-PIN not adjustable IS-3-*.****-***-*****-*ZM2Z**-**** adjustable IS-3-*.****-***-*****-*TM2Z**-****	Ga/Gb Gc	IIC	-30 $\leq T_a \leq +60$ -30 $\leq T_a \leq +75$ -30 $\leq T_a \leq +105$	T6 T5 T4
	Da/Db	IIIB	-30 $\leq T_a \leq +85$ (800 mW) -30 $\leq T_a \leq +95$ (650 mW)	T ₂₀₀ 135 $^\circ\text{C}$
	Da/Db	IIIC	-30 $\leq T_a \leq +40$ (750 mW) -30 $\leq T_a \leq +70$ (650 mW)	T135 $^\circ\text{C}$

Nomenclature	EPL	Group	Ambient and medium temperature range (°C)	Temperature class / Surface temperature (°C)
			-30 ≤ Ta ≤ +100 (550 mW)	
CIRCULAR CONNECTOR 7/8-16UN, 4-PIN not adjustable IS-3-****-***-*****-ZM6Z**-****	Ga/Gb Gc	IIC	-40 ≤ Ta ≤ +60 -40 ≤ Ta ≤ +70 -40 ≤ Ta ≤ +70	T6 T5 T4
	Da/Db	IIIB	-40 ≤ Ta ≤ +70 (800 mW) -40 ≤ Ta ≤ +70 (650 mW)	T ₂₀₀ 135 °C
	Da/Db	IIIC	-40 ≤ Ta ≤ +40 (750 mW) -40 ≤ Ta ≤ +70 (650 mW) -40 ≤ Ta ≤ +70 (550 mW)	T135 °C
ANGULAR CONNECTOR ACC. TO DIN EN175301-803-A adjustable IS-3-****-***-*****-TA3Z**-**** IS-3-****-***-*****-TAWZ**-**** IS-3-****-***-*****-TAVZ**-****	Ga/Gb Gc	IIC	-30 ≤ Ta ≤ +60 -30 ≤ Ta ≤ +75 -30 ≤ Ta ≤ +105	T6 T5 T4
	Da/Db	IIIB	-30 ≤ Ta ≤ +85 (800 mW) -30 ≤ Ta ≤ +95 (650 mW)	T ₂₀₀ 135 °C
	Da/Db	IIIC	-30 ≤ Ta ≤ +40 (750 mW) -30 ≤ Ta ≤ +70 (650 mW) -30 ≤ Ta ≤ +100 (550 mW)	T135 °C
CABLE OUTLET IP67 adjustable IS-3-****-***-*****-TDPA**-****	Ga/Gb Gc	IIC	-30 ≤ Ta ≤ +60 -30 ≤ Ta ≤ +70 -30 ≤ Ta ≤ +70	T6 T5 T4
	Da/Db	IIIB	-30 ≤ Ta ≤ +70 (800 mW) -30 ≤ Ta ≤ +70 (650 mW)	T ₂₀₀ 135 °C
	Da/Db	IIIC	-30 ≤ Ta ≤ +40 (750 mW) -30 ≤ Ta ≤ +70 (650 mW) -30 ≤ Ta ≤ +70 (550 mW)	T135 °C
CABLE OUTLET IP68, CABLE GLAND not adjustable IS-3-****-***-*****-ZXPA**-**** adjustable IS-3-****-***-*****-TXPA**-****	Ga Ga/Gb Gc	IIC	-30 ≤ Ta ≤ +60 -30 ≤ Ta ≤ +70 -30 ≤ Ta ≤ +70	T6 T5 T4
	Da Da/Db	IIIB	-30 ≤ Ta ≤ +70 (800 mW) -30 ≤ Ta ≤ +70 (650 mW)	T ₂₀₀ 135 °C
	Da Da/Db	IIIC	-30 ≤ Ta ≤ +40 (750 mW) -30 ≤ Ta ≤ +70 (650 mW) -30 ≤ Ta ≤ +70 (550 mW)	T135 °C
CABLE OUTLET IP68 CABLE GLAND CONDUIT 1/2NPT not adjustable IS-3-****-***-*****-Z5WA**-****	Ga Ga/Gb Gc	IIC	-30 ≤ Ta ≤ +60 -30 ≤ Ta ≤ +70 -30 ≤ Ta ≤ +70	T6 T5 T4
	Da Da/Db	IIIB	-30 ≤ Ta ≤ +70 (800 mW) -30 ≤ Ta ≤ +70 (650 mW)	T ₂₀₀ 135 °C
	Da Da/Db	IIIC	-30 ≤ Ta ≤ +40 (750 mW) -30 ≤ Ta ≤ +70 (650 mW) -30 ≤ Ta ≤ +70 (550 mW)	T135 °C
CABLE OUTLET IP68 (CONTINUOUS USE IN MEDIUM) PUR not adjustable IS-3-****-***-*****-ZDCA**-****	Ga	IIA	-30 ≤ Ta ≤ +60 -30 ≤ Ta ≤ +70 -30 ≤ Ta ≤ +70	T6 T5 T4
	Ga/Gb Gc	IIC	-30 ≤ Ta ≤ +60 -30 ≤ Ta ≤ +70 -30 ≤ Ta ≤ +70	T6 T5 T4

Nomenclature	EPL	Group	Ambient and medium temperature range (°C)	Temperature class / Surface temperature (°C)
	Da Da/Db	IIIB	-30 ≤ Ta ≤ +70 (800 mW) -30 ≤ Ta ≤ +70 (650 mW)	T ₂₀₀ 135 °C
	Da Da/Db	IIIC	-30 ≤ Ta ≤ +40 (750 mW) -30 ≤ Ta ≤ +70 (650 mW) -30 ≤ Ta ≤ +70 (550 mW)	T135 °C
CABLE OUTLET IP68 (CONTINUOUS USE IN MEDIUM) FEP not adjustable IS-3-*.****-***-*****-*ZDCB**-****	Ga	IIA	-30 ≤ Ta ≤ +60 -30 ≤ Ta ≤ +75 -30 ≤ Ta ≤ +95	T6 T5 T4
	Ga/Gb Gc	IIC	-30 ≤ Ta ≤ +60 -30 ≤ Ta ≤ +75 -30 ≤ Ta ≤ +95	T6 T5 T4
	Da Da/Db	IIIB	-30 ≤ Ta ≤ +85 (800 mW) -30 ≤ Ta ≤ +95 (650 mW)	T ₂₀₀ 135 °C
	Da Da/Db	IIIC	-30 ≤ Ta ≤ +40 (750 mW) -30 ≤ Ta ≤ +70 (650 mW) -30 ≤ Ta ≤ +95 (550 mW)	T135 °C
FIELD CASE, CABLE GLAND : BRASS NICKEL-PLATED IS-3-*.****-***-*****-*TFHZ**-**** IS-3-*.****-***-*****-*TFKZ**-****	Ga/Gb Gc	IIC	-50 ≤ Ta ≤ +60 -50 ≤ Ta ≤ +75 -50 ≤ Ta ≤ +105	T6 T5 T4
FIELD CASE, CABLE GLAND : STAINLESS STEEL IS-3-*.****-***-*****-*TFCZ**-**** IS-3-*.****-***-*****-*TFDZ**-****	Da/Db	IIIB	-50 ≤ Ta ≤ +85 (800 mW) -50 ≤ Ta ≤ +95 (650 mW)	T ₂₀₀ 135 °C
FIELD CASE, CONDUIT IS-3-*.****-***-*****-*TFSZ**-**** IS-3-*.****-***-*****-*TFTZ**-**** IS-3-*.****-***-*****-*TFLZ**-**** IS-3-*.****-***-*****-*TFMZ**-****	Da/Db	IIIC	-50 ≤ Ta ≤ +40 (750 mW) -50 ≤ Ta ≤ +70 (650 mW) -50 ≤ Ta ≤ +100 (550 mW)	T135 °C
FIELD CASE, CABLE GLAND, PLASTIC IS-3-*.****-***-*****-*TFAZ**-**** IS-3-*.****-***-*****-*TFBZ**-****	Ga/Gb Gc	IIC	-20 ≤ Ta ≤ +60 -20 ≤ Ta ≤ +75 -20 ≤ Ta ≤ +85	T6 T5 T4
	Da/Db	IIIB	-20 ≤ Ta ≤ +85 (800 mW) -20 ≤ Ta ≤ +85 (650 mW)	T ₂₀₀ 135 °C
	Da/Db	IIIC	-20 ≤ Ta ≤ +40 (750 mW) -20 ≤ Ta ≤ +70 (650 mW) -20 ≤ Ta ≤ +85 (550 mW)	T135 °C

Optional cooling elements are provided for medium temperature ranges $105\text{ °C} < T_{\text{med}} \leq 200\text{ °C}$.

The following tables show the maximum medium temperatures at the corresponding ambient temperatures for the respective temperature classes.

The minimum ambient and medium temperatures from table 1 “Ambient and medium temperature range for medium temperatures ≤ 105 °C” remain valid.

Table 2: Maximum medium and ambient temperature depending on the temperature class when using cooling elements with pressure channel as process connection suitable for medium temperatures $105\text{ °C} < T_{\text{med}} \leq 200\text{ °C}$ for Group II (gas atmosphere).

Temperature class	T2	T3				T4		
T (medium, max) / ° C	200	195	175	155	135	130	110	105
Model	T(ambient,max) / ° C							
Circular connector M12x1 IS-3-*.****_***_*****_TM2Z**_**** IS-3-*.****_***_*****_ZM2Z**_****								
Bayonet connector IS-3-*.****_***_*****_ZO5Z**_**** IS-3-*.****_***_*****_ZO6Z**_**** IS-3-*.****_***_*****_TO5Z**_**** IS-3-*.****_***_*****_TO6Z**_****								
Angular connector DIN EN175301-803-A IS-3-*.****_***_*****_TA3Z**_**** IS-3-*.****_***_*****_TAWZ**_**** IS-3-*.****_***_*****_TAVZ**_****	40	45	55	70	85	85	100	105
Field case, cable gland : brass nickel-plated IS-3-*.****_***_*****_TFHZ**_**** IS-3-*.****_***_*****_TFKZ**_****								
Field case, cable gland : stainless steel IS-3-*.****_***_*****_TFCZ**_**** IS-3-*.****_***_*****_TFDZ**_****								
Field case, cable gland, conduit IS-3-*.****_***_*****_TFSZ**_**** IS-3-*.****_***_*****_TFTZ**_**** IS-3-*.****_***_*****_TFLZ**_**** IS-3-*.****_***_*****_TFMZ**_****								
IP68 Cable outlet (continuous use in medium) FEP IS-3-*.****_***_*****_ZDCB**_****	40	45	55	70	85	85	85	85
Circular connector M16x0,75 IS-3-*.****_***_*****_TB4Z**_**** IS-3-*.****_***_*****_ZB4Z**_****	40	45	55	70	70	70	70	70
Field case, cable gland : plastic IS-3-*.****_***_*****_TFAZ**_**** IS-3-*.****_***_*****_TFBZ**_****								

Circular connector 7/8-16UN IS-3-****-***-*****-ZM6Z**-**** Cable outlets, PUR cable IS-3-****-***-*****-TDPA**-**** IS-3-****-***-*****-ZXPA**-**** IS-3-****-***-*****-TXPA**-**** IS-3-****-***-*****-Z5WA**-**** IS-3-****-***-*****-ZDCA**-****	40	45	50	50	50	50	50	50
---	----	----	----	----	----	----	----	----

Table 3: Maximum medium and ambient temperature as a function of power P_i for Group IIIB (dust atmosphere) when using cooling elements with pressure channel as process connection suitable for medium temperatures $105^\circ\text{C} < T_{\text{med}} \leq 135^\circ\text{C}$

Power Pi:	800 mW				650 mW			
Group:	IIIB							
Surface Temperature	T ₂₀₀ 135 °C							
T(medium, max) / ° C	135	130	110	105	135	130	110	105
Model	T (ambient, max) / ° C							
Circular connector M12x1 IS-3_*_****_*								

Power P _i :	800 mW				650 mW			
Group:	IIIB							
Surface Temperature	T ₂₀₀ 135 °C							
T(medium, max) / ° C	135	130	110	105	135	130	110	105
Model	T (ambient, max) / ° C							
Circular connector 7/8-16UN IS-3_*****_*****_ZM6Z**_****	50	50	50	50	50	50	50	50
Cable outlets, PUR cable IS-3_*****_*****_TDPA**_****								
IS-3_*****_*****_ZXPA**_****								
IS-3_*****_*****_TXPA**_****								
IS-3_*****_*****_Z5WA**_****								
IS-3_*****_*****_ZDCA**_****								

Table 4: Maximum medium and ambient temperature as a function of the power P_i for Group IIIC (dust atmosphere) when using cooling elements with pressure channel as process connection suitable for medium temperatures 105 °C < T_{med} ≤ 135 °C

Power P _i :	750 mW				650 mW				550 mW			
Group:	IIIC											
Surface Temperature	135 °C											
T(medium, max) / ° C	135	130	110	105	135	130	110	105	135	130	110	105
Model	T (ambient, max) / ° C											
Circular connector M12x1 IS-3_*												

Power P _i :	750 mW				650 mW				550 mW			
Group:	IIIC											
Surface Temperature	135 °C											
T(medium, max) / ° C	135	130	110	105	135	130	110	105	135	130	110	105
Model	T (ambient, max) / ° C											
IS-3-****_***_*****_TFAZ**_****												
IS-3-****_***_*****_TFBZ**_****												
Circular connector 7/8-16UN												
IS-3-****_***_*****_ZM6Z**_****												
Cable outlets, PUR cable												
IS-3-****_***_*****_TDPA**_****												
IS-3-****_***_*****_ZXPA**_****	0	0	0	0	50	50	50	50	50	50	50	50
IS-3-****_***_*****_TXPA**_****												
IS-3-****_***_*****_Z5WA**_****												
IS-3-****_***_*****_ZDCA**_****												

Table 5: Maximum medium and ambient temperature depending on the temperature class when using cooling elements with front flush process connection suitable for medium temperatures $105\text{ °C} < T_{\text{med}} \leq 150\text{ °C}$ for Group II (gas atmosphere)

Temperature class	T3		T4		
T (medium, max) / ° C	150	135	130	110	105
Model	T (ambient, max) / ° C				
Circular connector M12x1					
IS-3-****_***_*****_TM2Z**_****					
IS-3-****_***_*****_ZM2Z**_****					
Bayonet connector					
IS-3-****_***_*****_ZO5Z**_****					
IS-3-****_***_*****_ZO6Z**_****					
IS-3-****_***_*****_TO5Z**_****					
IS-3-****_***_*****_TO6Z**_****					
Angular connector DIN EN175301-803-A					
IS-3-****_***_*****_TA3Z**_****					
IS-3-****_***_*****_TAWZ**_****					
IS-3-****_***_*****_TAVZ**_****	20	50	55	95	105
Field case, cable gland : brass nickel-plated					
IS-3-****_***_*****_TFHZ**_****					
IS-3-****_***_*****_TFKZ**_****					
Field case, cable gland : stainless steel					
IS-3-****_***_*****_TFCZ**_****					
IS-3-****_***_*****_TFDZ**_****					
Field case, conduit					
IS-3-****_***_*****_TFSZ**_****					
IS-3-****_***_*****_TFTZ**_****					
IS-3-****_***_*****_TFLZ**_****					
IS-3-****_***_*****_TFMZ**_****					
IP68 Cable outlet (continuous use in medium) FEP					
IS-3-****_***_*****_ZDCB**_****	20	50	55	85	85
Circular connector M16x0,75					
IS-3-****_***_*****_TB4Z**_****					
IS-3-****_***_*****_ZB4Z**_****	20	50	55	70	70
Field case, cable gland : plastic					

Temperature class	T3		T4		
T (medium, max) / ° C	150	135	130	110	105
Model	T (ambient, max) / ° C				
IS-3-****_****_*****_TFAZ**_****					
IS-3-****_****_*****_TFBZ**_****					
Circular connector 7/8-16UN					
IS-3-****_****_*****_ZM6Z**_****					
Cable outlets, PUR cable					
IS-3-****_****_*****_TDPA**_****	20	50	50	50	50
IS-3-****_****_*****_ZXPA**_****					
IS-3-****_****_*****_TXPA**_****					
IS-3-****_****_*****_Z5WA**_****					
IS-3-****_****_*****_ZDCA**_****					

Table 6: Maximum medium and ambient temperature as a function of power P_i for Group IIIB (dust atmosphere) when using cooling elements with front flush process connection suitable for medium temperatures
 $105\text{ °C} < T_{\text{med}} \leq 135\text{ °C}$

Power Pi:	800 mW				650 mW			
Group:	IIIB							
Surface Temperature	T200 135 °C							
T(medium, max) / ° C	135	130	110	105	135	130	110	105
Model	T (ambient, max) / ° C							
Circular connector M12x1 IS-3-*_*								

Power P _i :	800 mW				650 mW			
Group:	IIIB							
Surface Temperature	T200 135 °C							
T(medium, max) / ° C	135	130	110	105	135	130	110	105
Model	T (ambient, max) / ° C							
IS-3-*_*								

Table 7: Maximum medium and ambient temperature as a function of power P_i for Group IIIC (dust atmosphere) when using cooling elements with front flush process connection suitable for medium temperatures
105 °C < T_{med} ≤ 135 °C

Power Pi:	750 mW				650 mW				550 mW			
Group:	IIIC											
Surface Temperature	135 °C											
T(medium, max) / ° C	135	130	110	105	135	130	110	105	135	130	110	105
Model	T (ambient, max) / ° C											
Circular connector M12x1 IS-3-*****-TM2Z**-**** IS-3-*****-ZM2Z**-**** Bayonet connector IS-3-*****-ZO5Z**-**** IS-3-*****-ZO6Z**-**** IS-3-*****-TO5Z**-**** IS-3-*****-TO6Z**-**** Angular connector DIN EN175301-803-A IS-3-*****-TA3Z**-**** IS-3-*****-TAWZ**-**** IS-3-*****-TAVZ**-**** Field case, cable gland : brass nickel-plated IS-3-*****-TFHZ**-**** IS-3-*****-TFKZ**-**** Field case, cable gland : stainless steel IS-3-*****-TFCZ**-**** IS-3-*****-TFDZ**-**** Field case, conduit IS-3-*****-TFSZ**-**** IS-3-*****-TFTZ**-**** IS-3-*****-TFLZ**-**** IS-3-*****-TFMZ**-****												
IP68 Cable outlet (continuous use in medium) FEP IS-3-*****-ZDCB**-****	15	15	15	15	35	45	55	55	35	45	90	90
Circular connector M16x0,75 IS-3-*****-TB4Z**-**** IS-3-*****-ZB4Z**-**** Field case, cable gland : plastic	15	15	15	15	35	45	55	55	35	45	75	75

Power P _i :	750 mW				650 mW				550 mW			
Group:	IIIC											
Surface Temperature	135 °C											
T(medium, max) / ° C	135	130	110	105	135	130	110	105	135	130	110	105
Model	T (ambient, max) / ° C											
IS-3-****_****_*****_TFAZ**_****												
IS-3-****_****_*****_TFBZ**_****												
Circular connector 7/8-16UN												
IS-3-****_****_*****_ZM6Z**_****												
Cable outlets, PUR cable												
IS-3-****_****_*****_TDPA**_****												
IS-3-****_****_*****_ZXPA**_****	15	15	15	15	35	45	55	55	35	45	55	55
IS-3-****_****_*****_TXPA**_****												
IS-3-****_****_*****_Z5WA**_****												
IS-3-****_****_*****_ZDCA**_****												

Attachment 3: Special conditions

1. The installation of the Pressure Transmitter in the wall to areas requiring EPL Ga equipment shall provide a degree of protection IP67.
2. The installation of the Pressure Transmitter in the wall to areas requiring EPL Da equipment shall provide a degree of protection IP6X.
3. Manufacturer's technical information related to use of the Pressure Transmitter in contact with aggressive / corrosive media and to avoid any risk of mechanical impact shall be observed.
4. In case of applications of the Pressure Transmitter in areas requiring EPL Ga or Da equipment the screen of the interconnection cable shall be included in the equipotential-bonding / grounding of the vessel.
5. The cable inlet of the apparatus in the wall to areas requiring EPL Ga equipment shall provide a degree of protection IP67.
6. The cable inlet of the apparatus in the wall to areas requiring EPL Da equipment shall provide a degree of protection IP6X.
7. Measuring of pressure media providing temperatures exceeding the values of the medium temperature ranges listed in table 1 is permitted, if special heat sink assembly is used. But permissible surface temperatures, applicable to this range with regard to the specified temperature class shall not be exceeded.