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**PA/FF Transmitter Stratos® Pro Type A22.X... or A23.X... (intrinsically safe apparatus)**

IECEX IECEx KEM 08.0020 ATEX KEMA 08 ATEX 0100

FISCO field device II 1G Ex ia IIC T6/T4 Ga  
 Ex ib [ia Ga] IIC T6/T4 Gb  
 Ex ic [ia Ga] IIC T6/T4 Gc  
 Ex ia IIIC T80°C Da

FISCO field device II 2(1)G Ex ib [ia Ga] IIC T6/T4 Gb  
 II 3(1)G Ex ic [ia Ga] IIC T6/T4 Gc  
 II 1D Ex ia IIIC T80°C Da

Ambient temperature  
 - for gas, T6: -20 °C ≤ Ta ≤ +50 °C  
 - for gas, T1 ... T4: -20 °C ≤ Ta ≤ +65 °C  
 - for dust: -20 °C ≤ Ta ≤ +65 °C

Hazardous Classified Area

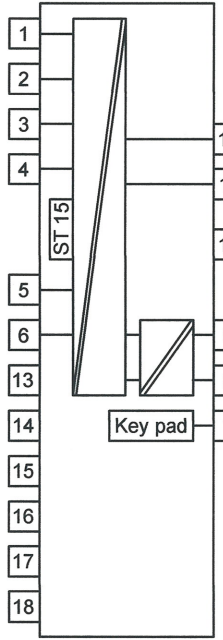
Unclassified Area

RS 485 (InduCon/Memosens) Terminals 1, 2, 3, 4

MK interface ST 15

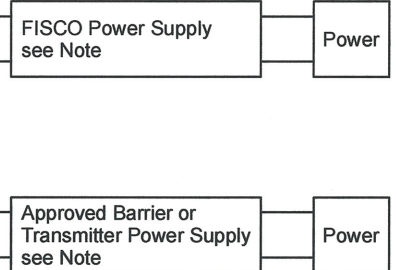
Terminals 5, 6 not connected

Terminals 13, 14, 15, 16, 17 18 not connected



10 PA/FF Power Supply, Terminals 10, 11  
 11 PA/FF Power Supply, Terminals 10, 11  
 12 Shield, Terminal 12  
 8 OK input CONTROL, Terminals 8, 9  
 9 OK input CONTROL, Terminals 8, 9  
 7 EP Terminal 7 For equipotential bonding

Associated Apparatus



In type of protection intrinsic safety Ex ia IIC only for connection to intrinsically safe circuits, with the following maximum values											
	Ui, Vmax (V)	Ii, Imax (mA)	Pi, Pmax (W)	Ci (nF)	Li (µH)						
PA/FF Power Supply (Terminals 10, 11)	17.5	380	5.32	5	10						
OK input CONTROL (Terminals 8, 9)	30	100	1	0	0						
In type of protection intrinsic safety Ex ic IIC only for connection to intrinsically safe circuits, with the following maximum values											
	Ui, Vmax (V)	Ii, Imax (mA)	Pi, Pmax (W)	Ci (nF)	Li (µH)						
PA/FF Power Supply (Terminals 10, 11)	17.5	570	No Restriction	5	10						
OK input CONTROL (Terminals 8, 9)	30	100	1	0	0						
In type of protection intrinsic safety Ex ia with the following maximum values											
	Uo, Voc (V)	Io, Isc (mA)	Po (mW)	Co, Ca (µF)	Lo, La (mH)	Co, Ca (µF)	Lo, La (mH)	Co, Ca (µF)	Lo, La (mH)	Ci (µF)	Li (µH)
RS 485 (InduCon/Memosens) (Terminals 1, 2, 3, 4) Linear characteristic	5	124	155	83.2	2	1000	8.5	1000	16	10.7	1.2
MK interface	only for connection to a measuring module MK-..., belonging to Stratos® Pro Type A... system										
EP (Terminal 7)	For equipotential bonding										
Shield (Terminal 12)	For PA/FF shield										

WARNING - SUBSTITUTION OF COMPONENTS MAY IMPAIR INTRINSIC SAFETY  
 WARNING - DO NOT SEPARATE MODULE WHEN ENERGIZED

Notes

- Control equipment connected to the associated apparatus must not use or generate more than 250 V.
- At the time of installation mark the selected type of protection on the equipment marking.

Simultaneous connection of a measuring module MK-... and an InduCon/Memosens measuring system is not permitted.

IS Safe galvanic isolation up to 60 V

Verteiler: FUL (2x)		Zul. Abweichungen für Maße ohne Toleranzangabe		Maßstab	
				Halbzeug	
		Datum Name		Benennung	
		Bearb. 28.05.2008 dam		Statos® Pro A22.X..., A23.X...	
		Gepr. (KON) 8.10.15 P.P.S.		Control Drawing	
		Freigabe 8.10.15 P.P.S.		Zeichnungsnummer	
		Schutzvermerk nach ISO16016 beachten.		212.002-100	
		Blatt		7	
		Bl.		7	
Knick		Elektronische Messgeräte GmbH & Co. KG			
Nr.	Änderungen	Datum	Bearb.	FGL KON	