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2-Wire Transmitter Stratos Pro Type A201X... or A211X... (intrinsically safe apparatus)

IECEX Ex ia IIC T4 Ga or
Ex ib [ia Ga] IIC T4 Gb or
Ex ib [ia Da] IIIC T85°C Db

ATEX II 1G Ex ia IIC T4 Ga or
II 2(1)G Ex ib [ia Ga] IIC T4 Gb or
II 2(1)D Ex ib [ia Da] IIIC T85°C Db

Hazardous Classified Area

Unclassified Area

2-Wire Transmitter Stratos Pro Type A201B... (non-incendive apparatus)

IECEX Ex ic IIC T4 Gc or
Ex ic IIIC T85°C Dc

ATEX II 3G Ex ic IIC T4 Gc or
II 3D Ex ic IIIC T85°C Dc

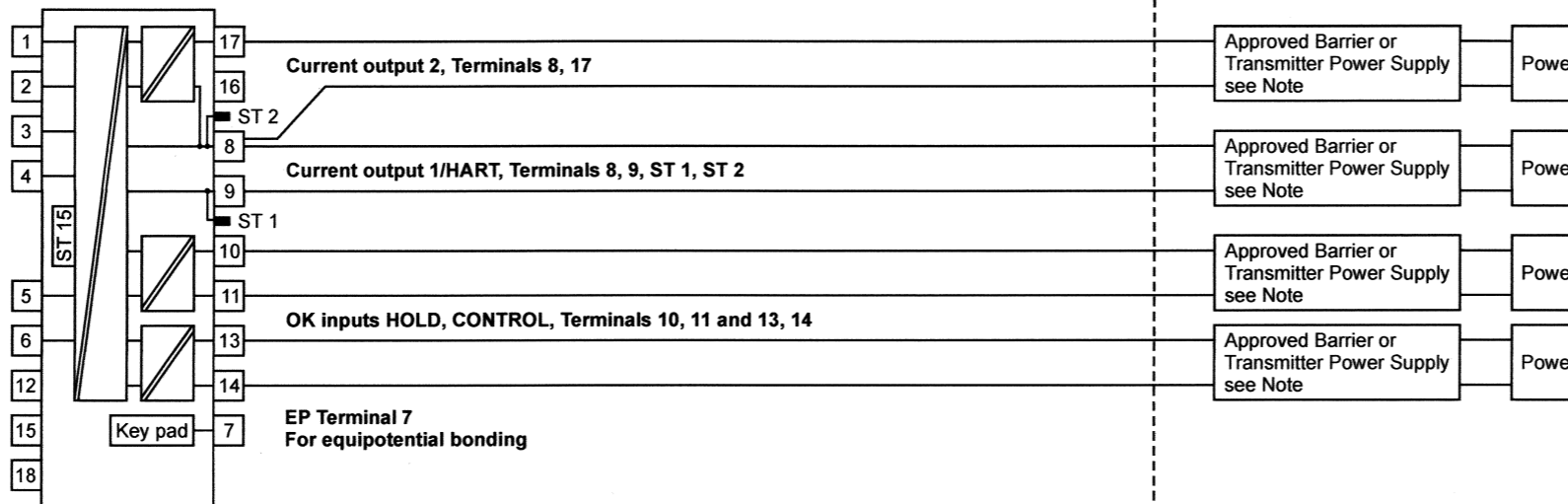
Ambient temperature
-20 °C ≤ Ta ≤ +65 °C

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

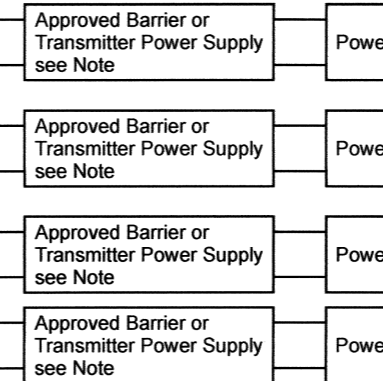
MK interface
ST 15

Current input
Terminals 5, 6

Terminals 12, 15, 16, 18
not connected



Associated Apparatus



	Type of protection intrinsic safety Ex ia or Ex ib or Ex ic with the following maximum values					
	Ui, Vmax (V)	Ii, Imax (mA)	Pi, Pmax (mW)	Ci (nF)	Li (µH)	
Current output 1 / HART (Terminals 8, 9, ST1, ST2)	30	100	800	5.3	2.5	
Current output 2 (Terminals 8, 17)	30	100	800	5.3	2.5	
Current input (Terminals 5, 6)	30	100	800	12	0	
OK input HOLD (Terminals 10, 11)	30	100	1000	0	0	
OK input CONTROL (Terminals 13, 14)	30	100	1000	0	0	
Type of protection intrinsic safety Ex ia with the following maximum values						
Explosive gas atmosphere	IIC, IIB, and IIA			IIC		IIB
Explosive dust atmosphere	IIIC			IIC		IIB
	Uo, Voc (V)	Io, Isc (mA)	Po (mW)	Co, Ca (µF)	Lo, La (mH)	Ci (µF)
RS 485 (InduCon/Memosens) (Terminals 1, 2, 3, 4) Linear characteristic	5	124	155	83.2	2	1000
Type of protection intrinsic safety Ex ic with the following maximum values						
RS 485 (InduCon/Memosens) (Terminals 1, 2, 3, 4) Linear characteristic	5	124	155	1000	5	1000
MK interface	only for connection to a measuring module MK-..., belonging to Stratos® Pro Type A... system					
EP (Terminal 7)	For equipotential bonding					

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

IS Safe galvanic isolation up to 60 V

WARNING - SUBSTITUTION OF COMPONENTS MAY IMPAIR INTRINSIC SAFETY

WARNING - DO NOT SEPARATE MODULE WHEN ENERGIZED

Notes

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

		Zul. Abweichungen für Maße ohne Toleranzangabe		Maßstab	
				Zulassung IECEX: KEM 08.0020 ATEX: KEMA 08 ATEX 0100, Knick SC 91218E	
8	Normenanpassung	11.01.22	kmn	Datum	Name
7	Zulassungskennzeichnung	15.03.21	dam	Bearbeitet	28.05.2008 dam
6	Normenakt., page 7 BUS	22.09.15	dam	Geprüft (KB)	21.1.22 RBL
5	Normenaktualisierung	06.09.12	dam	Freigabe	21.1.22 RBL
4	pages 3/4 IMMETRO	05.05.11	dam	Schutzvermerk nach ISO16016 beachten.	
3	nL specifications	03.03.11	dam		
2	Zulassungskennzeichnung	22.06.10	dam		
1	A2..B..	25.08.09	dam		
Nr.	Änderungen	Datum	Bearb.	Freigabe	
Elektronische Messgeräte GmbH & Co. KG					Benennung Control Drawing Stratos Pro A201X..., A211X..., A201B...
					Zeichnungsnummer 212.002-100
					Blatt 1
					Bl.

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