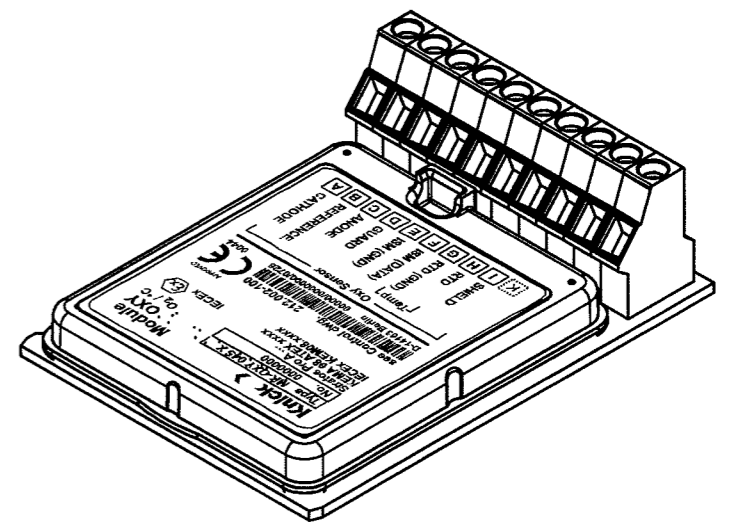


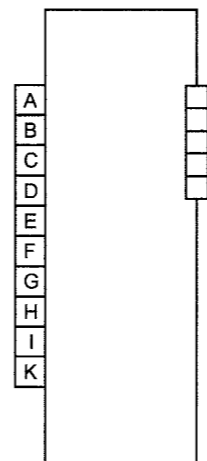
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Hazardous Classified Area
 Measuring Module Type MK-OXY
 belonging to
 Stratos® Pro Type A2..X... or
 A2..B...
 control drawing 212.002-100



MK interface	In type of protection intrinsic safety Ex ia IIC, only for connection to Stratos® Pro A2..X... or A2..B...									
In type of protection intrinsic safety, with the following maximum values										
	Uo, Voc (V)	Io, Isc (mA)	Po (mW)	Ex ia IIC		Ex ia IIB		Ex ia IIA		
				Co, Ca (nF)	Lo, La (mH)	Co, Ca (µF)	Lo, La (mH)	Co, Ca (µF)	Lo, La (mH)	
OXY Measuring Loop (Terminals A, B, C, D, I)	15	8.2	20.5	580	500	3.55	1000	14	1000	Linear characteristic
Temperature Measuring Loop (Terminals G, H)	10	1.6	4	2.88 µF	1000	19.8	1000	99	1000	Linear characteristic
OXY/Temperature Measuring Loop (Terminals A, B, C, D, G, H, I)	15	9.7	25	481	300	3.46	1000	13.9	1000	Linear characteristic
ISM Measuring Loop (Terminals E, F)	15	10.6	26.6	580	300	3.55	1000	14	1000	Linear characteristic

The measuring circuits are galvanically connected



MK Interface
 ST 1
 Only to connect to
 Stratos® Pro A2..X... or
 A2..B...

WARNING - SUBSTITUTION OF COMPONENTS
 MAY IMPAIR INTRINSIC SAFETY

Notes

1. The Intrinsically Safe Equipment connecting to A, B, C, D, E, F, G, H, I, must be IECEx or ATEX Approved or be a simple Apparatus.
2. Simple Apparatus is defined as a device that does not generates more than 1.5 V, 0.1 A, 25 mW.

Weitergabe sowie Vervielfältigung dieses Dokuments, Verwertung und Mitteilung seines Inhalts sind verboten, soweit nicht ausdrücklich erlaubt.

Verteiler: FUL (2x)		Zul. Abweichungen für Maße ohne Toleranzangabe		Maßstab	
				Halbzeug	
		Datum		Benennung	
		28.05.2008		Module MK-OXY	
		Name		Control drawing	
		dam			
		Gepr. (KON)			
		Freigabe			
		Schutzvermerk nach ISO16016 beachten.		Zeichnungsnummer	
				212.002-120	
				Blatt	
				1	
				1 Bl.	
Nr.	Änderungen	Datum	Bearb.	FGL KON	Elektronische Messgeräte GmbH & Co. KG

