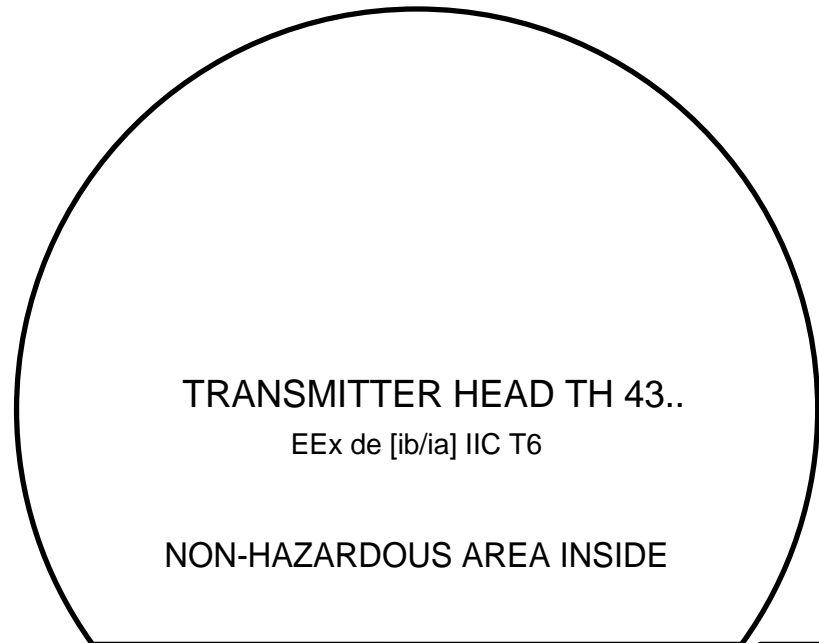


NON-HAZARDOUS AREA

HAZARDOUS AREA

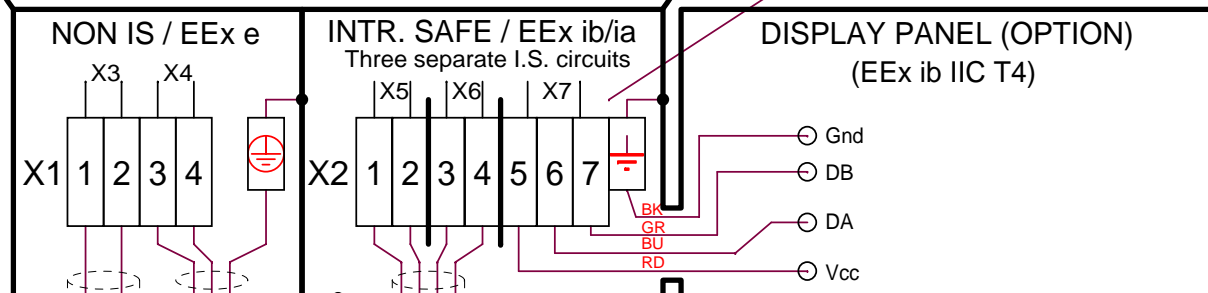
ISSUE	MODIF. ORDER NO.	WEEK	ISSUE	MODIF. ORDER NO.	WEEK	ISSUE	MODIF. ORDER NO.	WEEK
1	SME-3006	0210	2	SME-3148	0348	3	SME-5704	0722



DISPLAY OUTPUT (OPTION)	
GAS GROUP	
IIB & IIC	Uo = 7,84 V, Io = 385,6 mA Po = 0,678 W Cext < 8,8 µF, Lext < 0,17 mH

NON IS PRIMARY OUTPUT
HART/4-20mA or TRL2 Bus (TM 40 option) or Profibus DP (AA 40 option) or Foundation Fieldbus (FF 43 option)

POWER SUPPLY
Nominal Input: 24-240 V DC/AC (0-60Hz) max. 10 W. Internal fuse link T 2.5A L 250V Installation Category III. A circuit breaker should be installed close to the TR Pro transmitter. Min. cable area: 0.5 mm²



SECONDARY OUTPUT (OPTION)		
GAS GROUP	ALT. 1: PASSIVE CURRENT LOOP Voltage Compliance: 7-30 V	ALT. 2: ACTIVE CURRENT LOOP Max. Load: 300 Ohm
IIB & IIC	Ui < 30 V, Ii < 200 mA Pi < 1,3 W Ci = 0 µF, Li = 0 mH	Uo = 23,1 V, Io = 125,7 mA Po = 0,726 W Cext < 0,14 µF, Lext < 2,2 mH

I.S. PRIMARY OUTPUT (OPTION)			
GAS GROUP	ALT. 1: PASSIVE CURRENT LOOP Voltage Compliance: 7-30 V	ALT. 2: ACTIVE CURRENT LOOP Max. Load: 300 Ohm	ALT. 3: FOUNDATION FIELDBUS
IIB & IIC	Ui < 30 V, Ii < 200 mA Pi < 1,3 W Ci = 0 µF, Li = 0 mH	Uo = 23,1 V, Io = 125,7 mA Po = 0,726 W Cext < 0,14 µF, Lext < 2,2 mH	Ui < 30 V, Ii < 300 mA Pi < 1,3 W Ci = 0 µF, Li = 0 mH

NOTE 1: Transmitter Head is earthed locally on the tank for explosion protection and electrical safety. A separate protective earth connection to the power distribution central is not recommended unless it is an absolute requirement by national authorities. A ground loop with circulating current may occur.

9150074-935	ISSUED BY	WEEK	PRODUCT CODE		TITLE
	GU-MK	0210	PRO/5600		
	APPROVED BY	WEEK	DOC. TYPE	FILE	For installation of SCS (ATEX) approved apparatus (EEx e / EEx i)
	GP-HN	0210	2	OrCAD	
ALL DIMENSIONS ARE IN MILLIMETRES. TOLERANCES, UNLESS OTHERWISE STATED:			FINISH, UNLESS OTHERWISE STATED:		DWG NO.
					9150074-935
					ISSUE
					3
					SHEET
					1 / 1
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					Rosemount Tank Radar AB, Sweden