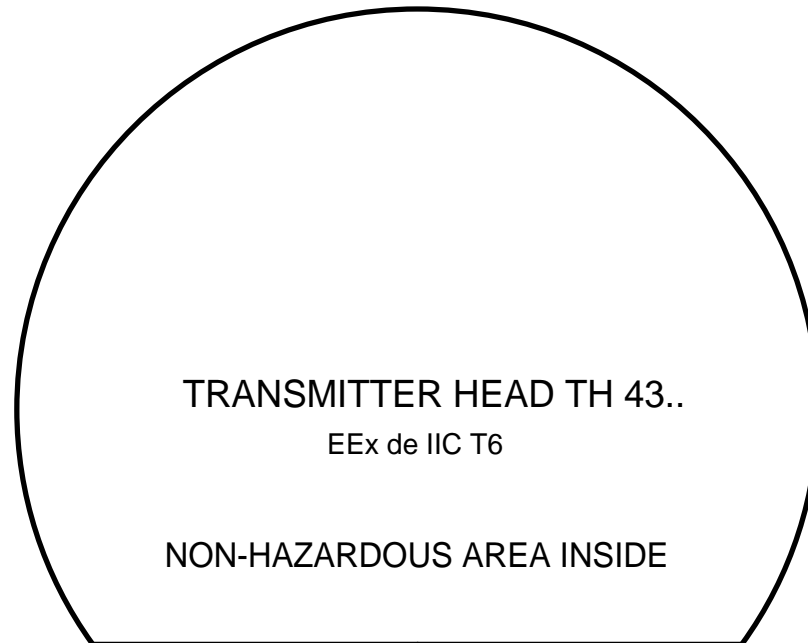


NON-HAZARDOUS AREA

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



NON IS PRIMARY OUTPUT

HART/4-20mA (Note 2)
or TRL2 Bus (TM 40 option)
or Profibus DP (AA 40 option)
or Foundation Fieldbus (FF 43 option)

POWER SUPPLY

L /L1/+
N/L2/-
PE Note 1

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 transmitter.
Min. cable area: 0.5 mm²

NON IS SECONDARY OUTPUT

4-20mA (Note 3)

EARTH CONNECTION
Area: 4 mm².

CABLE GLANDS EEx e with integral shield connection for cable diameter 6-12 mm.
NOTE! Shielded cables required for specified EMC performance.

NOTE 3. Secondary output alternative options.
1: Passive Current Loop (XA 40). Voltage compliance: 7-30 V.
2: Active Current Loop (XA 40 + IS 40). Max. load: 300 Ohm.

NOTE 2. Primary output alternative options.
1: Passive Current Loop. Voltage compliance: 7-30 V.
2: Active Current Loop. Max. load: 300 Ohm.

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.

9150074-936	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 e)
	GP-HN	0210	2	OrCAD	
ALL DIMENSIONS ARE IN MILLIMETRES. TOLERANCES, UNLESS OTHERWISE STATED:			FINISH, UNLESS OTHERWISE STATED:		DWG NO.
					9150074-936
					ISSUE
					3
					SHEET
					1 / 1
ROSEMOUNT			1 ST ANGLE	SCALE	The copyright/ownership of this document is and will remain ours. The document must not be used without our authorization or brought to the knowledge of a third party. Contravention will be prosecuted.
					Rosemount Tank Radar AB, Sweden