

71,3 [2,8] 100,2 [3,9]

WHEN MOUNTING IN NON METALLIC VESSEL THE PROBE MUST BE MOUNTED WITH A METALLIC MATING CONNECTION.
 AVOID DISTURBING EMC ENVIRONMENT.
 INSTALLATION IN METALLIC TANK IS RECOMMENDED.

INTEGRAL DISPLAY (OPTIONAL)

SEE DETAIL A

297,2 [12] 382,3 [15]

H MAX REC. $H < (D+100) [D+4]$.

ALL PTFE PROBE

$\varnothing D$ RECOMMENDED $D > 100 [4]$.
 MIN $D = 38 [1.5]$ REQUIRES SPECIAL CONFIG. SETTINGS.

$\varnothing 7 [0,28]$

$L > 400 [15.7]$ TO DISTURBING OBJECTS OR TO WALL IF MATERIAL CONCRETE, PLASTIC OR RUGGED METAL.

$L > 100 [3.9]$ IF SMOOTH SURFACE METAL WALL.

435 [17,1]

MIN 5 [0,2]

$\varnothing 22.5 [0,88]$

TOTAL PROBE LENGTH

SEE DETAIL B

W/O HOUSING

SEMI PTFE PROBE

MIN 200 [8]

CHAMBER/PIPE

THE PROBE MUST BE IN THE CENTER OF THE CHAMBER/PIPE.

MIN $\varnothing 50 [2]$

110 [4,3]

GROUND CONNECTION

UPPER REF. POINT

DETAIL A ALL PTFE

DETAIL B SEMI PTFE

TANK FLANGE


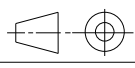
1. P/T-RATING FOR FLANGE; SEE REF. MANUAL.

DEPENDING ON TURBULENCE IN TANK AND MOUNTING ANGLE THE PROBE MAY NEED TO BE ANCHORED OR SUPPORTED.

ENSURE THAT THE PROBE HAS NO CONTACT TO NOZZLE/TANK WALL.

FOR MORE INFO, SEE REFERENCE MANUAL.

POS	ITEM DESCRIPTION	QTY	REMARK	SUPPLIER
03	GASKET	1	SOFT GASKET ACC. TO ISO 2852. INCLUDED IF PROBE ALL PTFE.	CUSTOMER
02	CLAMP	1	ACC. TO ISO 2852.	CUSTOMER
01	FLANGE	1	DIM. ACC. TO ISO 2852. P/T RATING SEE NOTE 1.	RMT

ISSUED BY EMe-HS-C	DRAWN WEEK 1243	PRODUCT CODE 3308	 ROSEMOUNT® GAMLESTADSVÄGEN 18 B, S-402 51 GÖTHEBURG, SWEDEN.
APPROVED BY EMe-BH	APP'D WEEK 1313	DOCUMENT TYPE 2	
ORIGINAL DRAWING NO. D7000001-393	SIZE A3	1 ST ANGLE 	SCALE 1:5
CAD MAINTAINED, (PRO/E)	DO NOT SCALE PRINT		
THE COPYRIGHT/OWNERSHIP OF THIS DOCUMENT IS AND WILL REMAIN OURS. THE DOCUMENT MUST NOT BE USED WITHOUT AUTHORIZATION OR BROUGHT TO THE KNOWLEDGE OF A THIRD PARTY. CONTRAVENTION WILL BE PROSECUTED. ROSEMOUNT TANK RADAR AB, SWEDEN.			
DRAWING NO. D7000001-393		ISSUE 01	SHEET 1/1