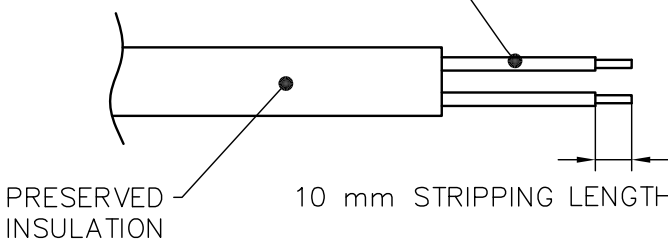


(SEE NOTE 6 AND 7)

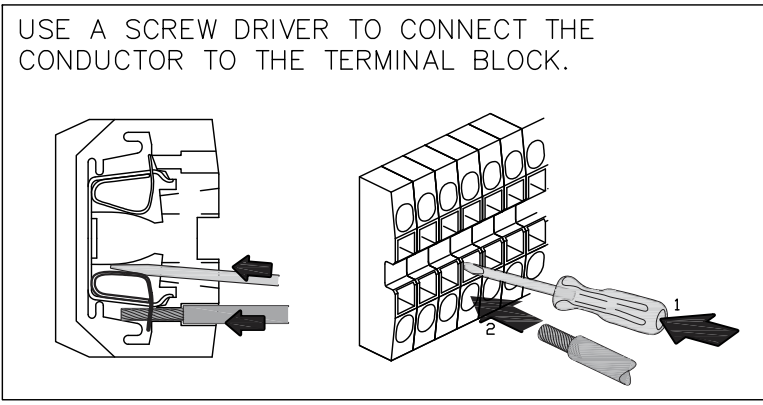
CABLE STRIPPING INFORMATION:

CONDUCTOR INSULATION
MAX Ø2.9 mm OR 7/64
INCH TO FIT IN TERMINAL.



IS I/O HART/4-20mA ENTITY PARAMETERS		
GAS GROUP	ALT. 1 PASSIVE CURRENT LOOP	ALT. 2 ACTIVE CURRENT LOOP
A,B,IIC	$U_i=30V$; $I_i=300mA$; $C_i=0\mu F$; $L_i=0mH$	$U_o=23.1V$; $I_o=95.3mA$; $P_o=550mW$ $C_o \leq 0.14\mu F$; $L_o \leq 3.9mH$
C,II B	$U_i=30V$; $I_i=300mA$; $C_i=0\mu F$; $L_i=0mH$	$U_o=23.1V$; $I_o=95.3mA$; $P_o=550mW$ $C_o \leq 1.0\mu F$; $L_o \leq 15mH$
D,IIA	$U_i=30V$; $I_i=300mA$; $C_i=0\mu F$; $L_i=0mH$	$U_o=23.1V$; $I_o=95.3mA$; $P_o=550mW$ $C_o \leq 3.67\mu F$; $L_o \leq 33mH$

THE ENTITY CONCEPT ALLOWS THE INTERCONNECTION OF INTRINSICALLY SAFE DEVICES WITH ENTITY PARAMETERS NOT SPECIFICALLY EXAMINED IN COMBINATION AS A SYSTEM WHEN:
 $U_o \leq U_i$, $I_o \leq I_i$, $P_o \leq P_i$, $C_o \geq C_i + \text{CABLE CAPACITANCE}$, $L_o \geq L_i + \text{CABLE INDUCTANCE}$.



CONDUCTOR CONNECTION	MAXIMUM	
SOLID	4 mm ²	AWG 11
FLEXIBLE	2.5 mm ²	AWG 13
FLEXIBLE, FERRULE WITH PLASTIC COLLAR	1.5 mm ²	AWG 16

CABLE DIAMETER FOR GLANDS WHEN SUPPORTED BY RTR.		
THREAD	1/2"	3/4"
CABLE DIAMETER	6-12 mm	9-16 mm

- 8 IS CURRENT LOOP ALTERNATIVE OPTIONS
1: PASSIVE CURRENT LOOP. INPUT VOLTAGE RANGE:10.5-30V.
2: ACTIVE CURRENT LOOP. OUTPUT VOLTAGE RANGE:6.2-23V @ 21.75-0 mA
- 7 NOTE POLARITY FOR CONNECTION OF POLARITY SENSITIVE BUSES AND I/O (E.G. RS485 AND ANALOG I/O).
- 6 NON IS CURRENT LOOP ALTERNATIVE OPTIONS.
1: PASSIVE CURRENT LOOP. INPUT VOLTAGE RANGE:10.5-35V.
2: ACTIVE CURRENT LOOP. OUTPUT VOLTAGE RANGE:12.8-24V @ 21.75-0 mA
- 5 CONTROL EQUIPMENT CONNECTED TO THE ASSOCIATED APPARATUS MUST NOT USE OR GENERATE MORE THEN 250 VRMS OR VDC.
- 4 CONNECT SHIELD TO GROUND AT ONE END ONLY, OTHERWISE A GROUND LOOP MAY OCCUR.
- 3 RECOMMENDED EXTERNAL FUSE RATING: 2A (SLOW BLOW) / TANK HUB.
- 2 KEEP INSULATION PRESERVED IN AREA AROUND HOUSING INLETS TO AVOID CONTACT BETWEEN CABLES AND SHARP EDGES. THE SHIELD MUST BE ISOLATED FROM THE HOUSING.
- 1 FOR MORE INFORMATION SEE SYSTEM CONTROL DWG 9240040-901.

ISSUED BY EMe-BL	WEEK 1050	PRODUCT CODE 2410	FILE ACAD	INSTALLATION DRAWING TITLE ELECTRICAL INSTALLATION DRAWING 2410 TANK HUB	
APPROVED BY EE-MK	WEEK 1052	ORIGINAL DWG NO. -	SCALE -	DOC TYPE 02	DWG NO. D9240041-952
ROSEMOUNT Tank Gauging			1 ST ANGLE	ISSUE 03	SHEET 01/01

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