

HOW TO INSTALL NEOPRENE BUS WRAP

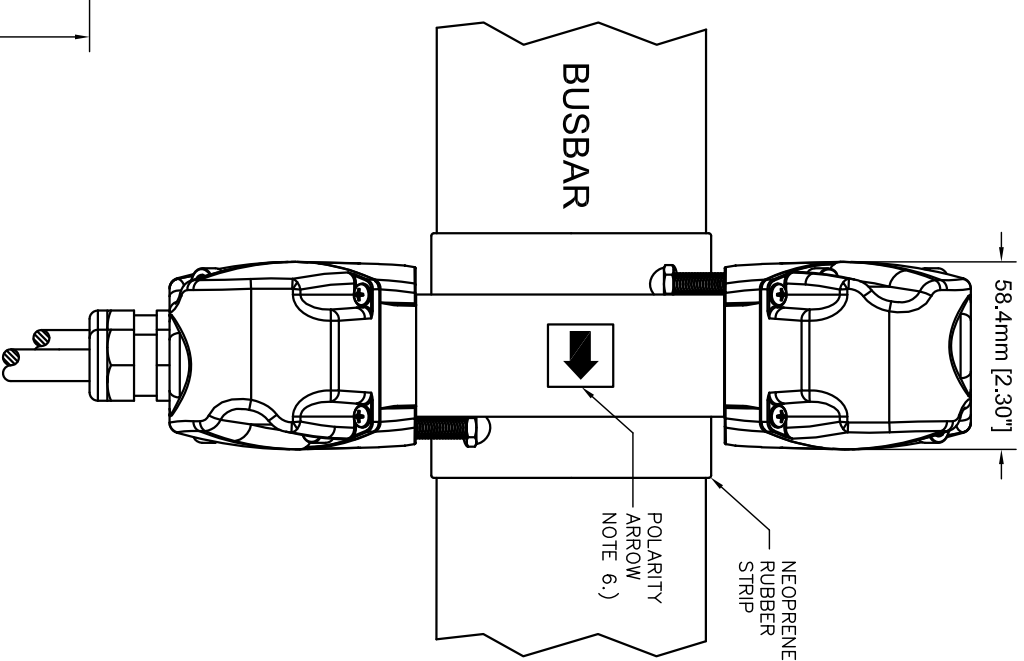
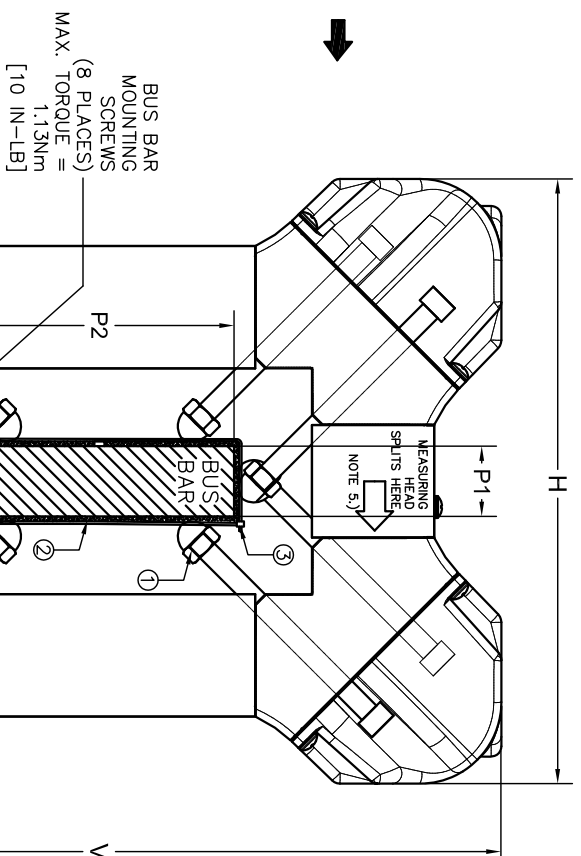
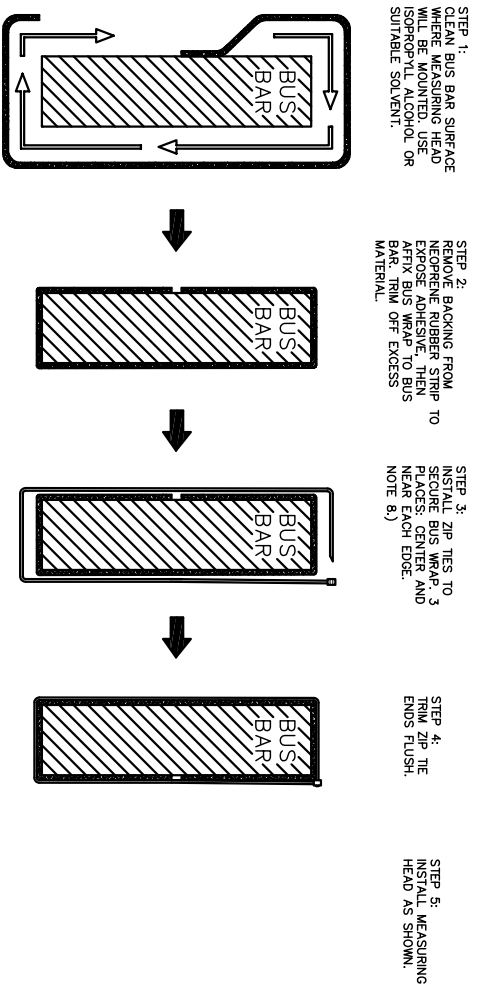


TABLE 3
MOUNTING HARDWARE MATERIALS DATA

ITEM	DESCRIPTION	WORKING TEMP. (MAX.)
①	CAP NUT	PEEK ENGINEERING PLASTIC
②	BUS WRAP	NEOPRENE RUBBER STRIP
③	ZIP TIE	POLYPROPYLENE
		115°C

- NOTE:
- 1.) ALL TOLERANCES: $\pm 0.5\text{mm}$ [$\pm 0.020"$] UNLESS NOTED OTHERWISE.
 - 2.) P1 & P2 ARE ACTUAL BUS BAR DIMENSIONS.
 - 3.) LKAT2 MEASURING HEADS ARE SIZED IN INCREMENTS OF 30mm (SEE TABLE 1). THIS IS THE NOMINAL SIZE OF THE LKAT2 MEASURING HEAD.
 - 4.) THE BUS BAR SIZES SHOWN IN TABLE 1 REPRESENT THE DIMENSIONS THAT THE BUS BAR MOUNTING HARDWARE SHOWN WILL ACCOMMODATE.
 - 5.) MEASURING HEAD IS SEPARATED HERE DURING INSTALLATION. MEASURING HEAD HALVES ARE MATED AND SEMI-PERMANENTLY FASTENED TOGETHER WITH LOCKING SCREWS.
 - 6.) ARROW INDICATES DIRECTION OF CONVENTIONAL CURRENT FLOW. (+) TO (-).
 - 7.) NO CONNECTOR IS USED TO TERMINATE MEASURING HEAD CABLE ASSEMBLY ON LKAT2 SIGMA AND OEM VERSIONS. THESE CABLE ASSEMBLIES ARE TERMINATED WITH FERRULES.
 - 8.) IF ONE ZIP TIE IS NOT LONG ENOUGH TO ENCLOSE BUS BAR AND BUCKLE, USE TWO ZIP TIES BUCKLED TOGETHER. POSITION THE BUCKLE(S) AT CORNER(S) OF BUS BAR.

LOCKING SCREW
(4 PLACES)
MAX. TORQUE =
0.57Nm [5 IN-LB]

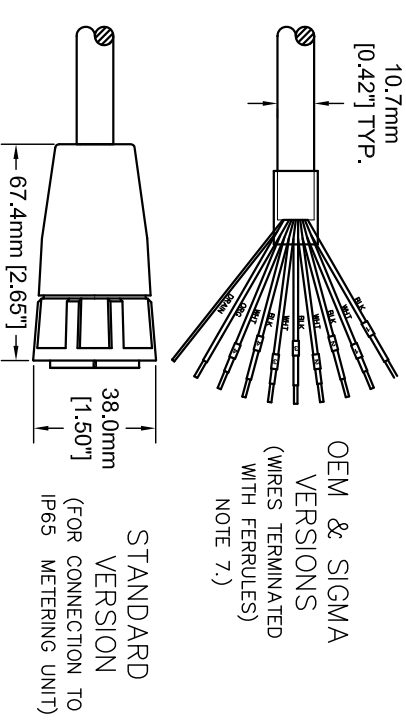
MINIMUM
BEND
RADIUS
101.3mm [3.99"]

TABLE 1

P1 & P2 BUS BAR DIMENSION	NOMINAL MEASURING HEAD SIZE
25mm...37mm	60mm
38mm...67mm	90mm
>= 68mm	-SEE DWG. 02B109349

TABLE 2

MEASURING HEAD OUTSIDE DIMENSIONS (mm)
H = NOMINAL SIZE + 130mm
V = NOMINAL SIZE + 130mm



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							TOL. UNLESS OTHERWISE NOTED	SCALE	
A	ECR2344: CHG. TITLE LINE 2: WAS: "...10mm..." IS: "...25mm..."	RJM 11-1-21	CSS 11-1-21				±0.015	FRAC. ANG. #1	OUTLINE & MOUNTING LKAT2 MEASURING HEAD (25mm...67mm BUS BAR)
B	ECR2350: ADD TABLE 2.	RJM 3-7-22	BGS 3-7-22				±0.015	SCALE	
C	E-3372: HARMONIZE WITH STD. HEAD O&M DRAWING	RJM 3-7-22	BGS 3-7-22				±0.015	SCALE	
									PRELIMINARY
									DWG. NO. 02B109698
									REV. C

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