

ITEM	DESCRIPTION	WORKING TEMP. (MAX.)
① ANGLE	GPO-3 FIBERGLASS POLYESTER	130°C
② FOAM STRIP ADHESIVE BACKING ON ONE SIDE	93°C	
③ FOAM STRIP ADHESIVE BACKING ON TWO SIDES	93°C	
④ ADHESIVE	BACKING AFFIXED TO FOAM STRIP	82°C

TABLE 3

SYMBOL	REVISION	DRN./DATE	CK/S./DATE
A	E-3306: DELETE APERTURE INSIDE DIMENSIONS; ADD NOTE 11 & 12 AND NOTE 11 DETAIL.	RJM 6/13/14	DEO 6/13/14
B	ECR1931: ADD TORQUE SPECIFICATIONS	RJM 7/15/14	DEO 7/15/14
C	E-3325: REVISE TABLE 1, ADD BEND RADIUS, INCREASE ANGLE SIZE ON SIDE VIEW	RJM 10/22/15	DEO 12/15/15
D	ECR2086: REVISE NOTE 12.) TO ADD OEM EMC VERSION.	RJM 7/13/16	DEO 7/13/16
E	E-3346: ADD BUSBAR SECTION, OEM CABLE TERMINATIONS; DELETE NOTE 11.)	RJM 5-26-18	DEO 4-30-18
F	E-3372: SIMPLIFY TABLE 1; ADD MTG. ANGLE VIEW AND TABLE 3; CHG. NOTE 6.)	RJM 4-7-22	

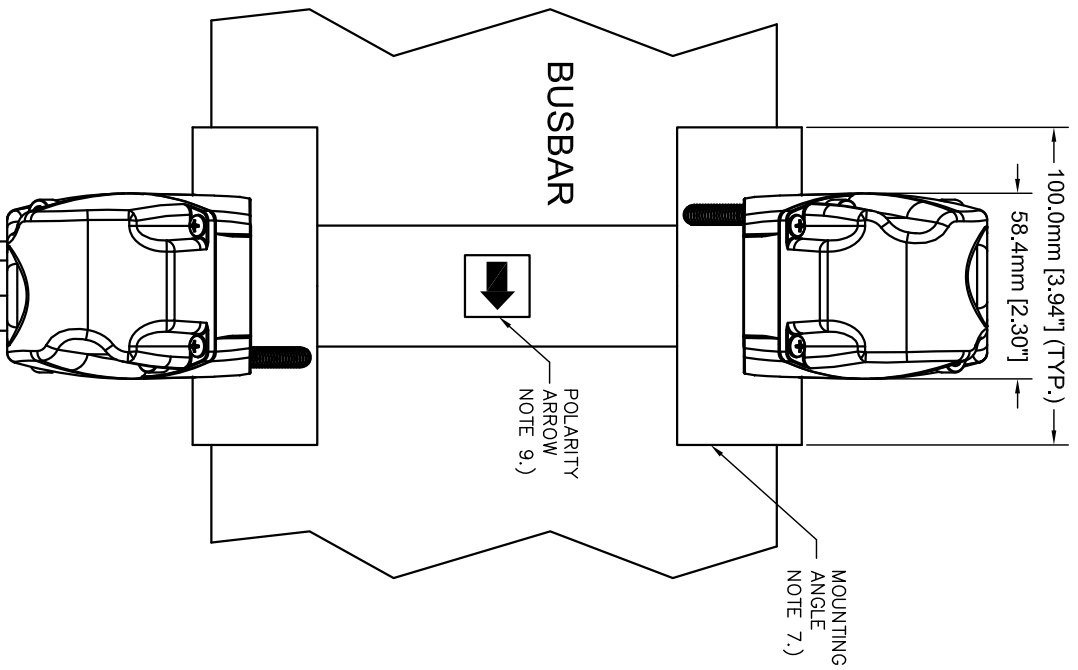
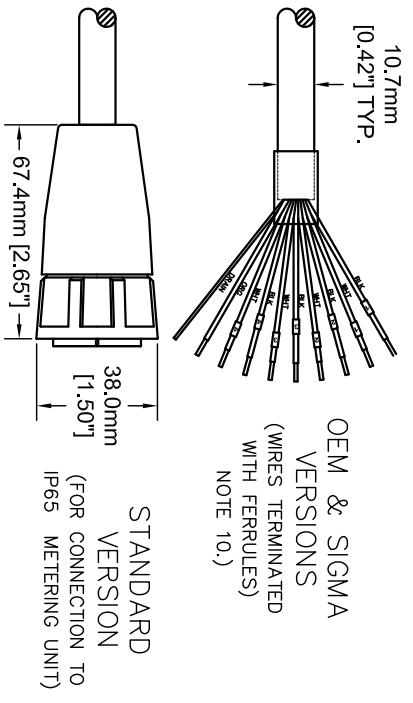


TABLE 1

P1 & P2 BUS BAR DIMENSION	NOMINAL MEASURING HEAD SIZE -SEE DWG. 02B109698
25mm...67mm	90
68mm...90mm	120
90mm...120mm	150
120mm...150mm	180
150mm...180mm	210
180mm...210mm	240
210mm...240mm	270
240mm...270mm	300
270mm...300mm	330
300mm...330mm	360
330mm...360mm	390
360mm...390mm	420
390mm...420mm	450
420mm...450mm	480
450mm...480mm	510
480mm...510mm	540
510mm...540mm	570
540mm...570mm	600
570mm...600mm	630
600mm...630mm	660
630mm...660mm	690
660mm...690mm	720
690mm...720mm	750
720mm...750mm	780
750mm...780mm	810
780mm...810mm	840
810mm...840mm	870
840mm...870mm	900
870mm...900mm	930
900mm...930mm	960
930mm...960mm	990
960mm...990mm	1020

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

- NOTE:
- 1) ALL TOLERANCES: ±0.5mm [±.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 STANDARD BUS BAR MOUNTING HARDWARE WILL ACCOMMODATE.
  - 5) FOR BUS BAR DIMENSIONS FROM 25mm...67mm REFER TO DRAWING "LKAT2 HEAD MOUNTING FOR 25mm...67mm BUS BAR"
  - 6) THE EFFECTIVE THICKNESS OF THE ANGLE AND FOAM IS APPROXIMATELY 5mm UNDER THE MOUNTING SCREW.
  - 7) MOUNTING ANGLES ARE ATTACHED TO BUS BAR WITH CLOSED CELL FOAM WITH TRANSFER ADHESIVE AFFIXED TO THE MOUNTING ANGLE AT THE FACTORY. THE BACKING TAPE ON THE FOAM IS REMOVED WHEN ANGLE IS AFFIXED TO BUS BAR.
  - 8) MEASURING HEAD IS SEPARATED HERE DURING INSTALLATION. MEASURING HEAD HALVES ARE MATED AND SEMI-PERMANENTLY FASTENED TOGETHER WITH LOCKING SCREWS.
  - 9) ARROW INDICATES DIRECTION OF CONVENTIONAL CURRENT FLOW. (+) TO (-). CONVENTIONAL CURRENT IS SHOWN FLOWING INTO THE PAGE.
  - 10) NO CONNECTOR IS USED TO TERMINATE MEASURING HEAD CABLE ASSEMBLY ON LKAT2 SIGMA AND OEM VERSIONS. THESE CABLE ASSEMBLIES ARE TERMINATED WITH FERRULES.



DO NOT SCALE PRINT	TOL. UNLESS OTHERWISE NOTED	THIRD ANGLE PROJECTION	B/M NO. (REF.)
DEC. ±.015	FAC. ±.015	ANG. ±.1°	FINISH
DRN./DATE	SCALE		
RJM 5/03/13	N/A		
CK/D/DATE	APV./DATE		
DEO 11/25/13	CSS 11/25/13		
<p>OUTLINE &amp; MOUNTING</p> <p>LKAT2 MEASURING HEAD (STANDARD)</p> <p><b>DynAmp, LLC</b> GROVE CITY, OHIO</p> <p>PRELIMINARY DWG. NO. 02B109349</p>			