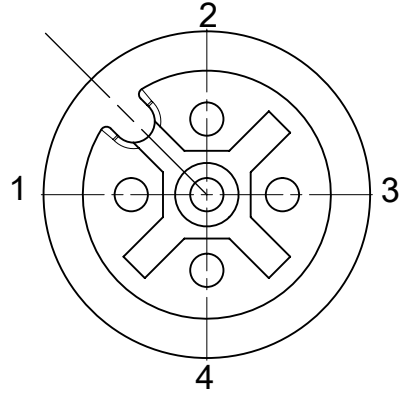


M12 3 POLE
FEMALE

Pos A & B



VIEW FROM THE FRONT SIDE

Pin	Wire color
1	BROWN
2	-
3	BLUE
4	BLACK

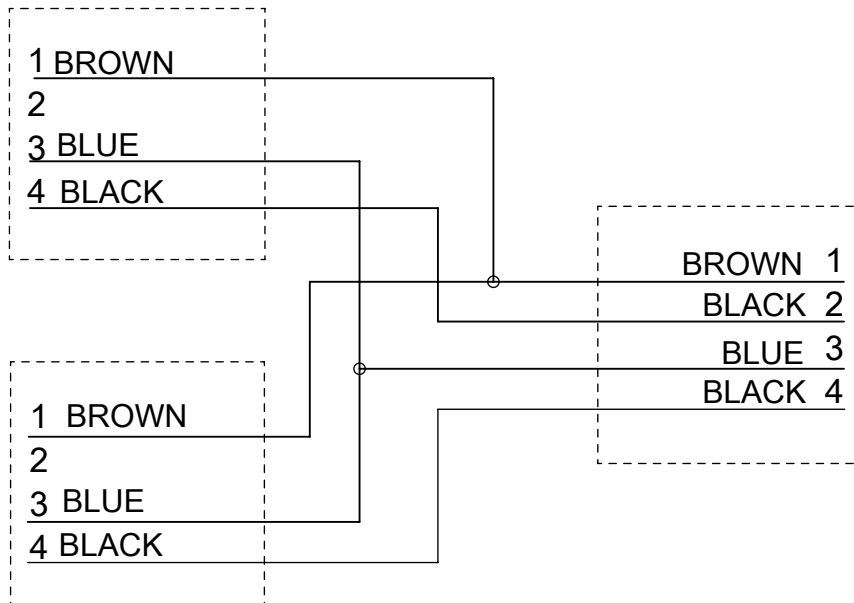
NOTES:
ELECTRICAL DATA:
VOLTAGE RATING: 250V
AMPERAGE RATING: 4A
INSULATION RESISTANCE: 10⁸ Ω MIN.
MATING CYCLES: MIN. 100

ENVIRONMENTAL:
PROTECTION: IP67
OPERATING TEMPERATURE:
STATIC: -25°C TO +80°C
FLEXING: -5°C TO +80°C

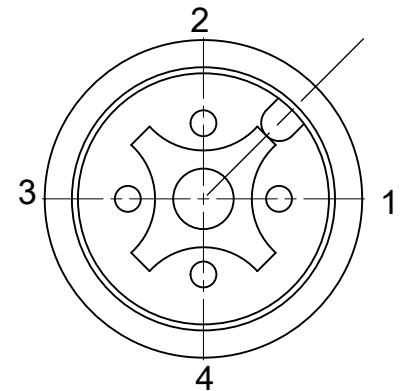
Pos B
Female M12

Pos A
Female M12

WIRING DIAGRAM

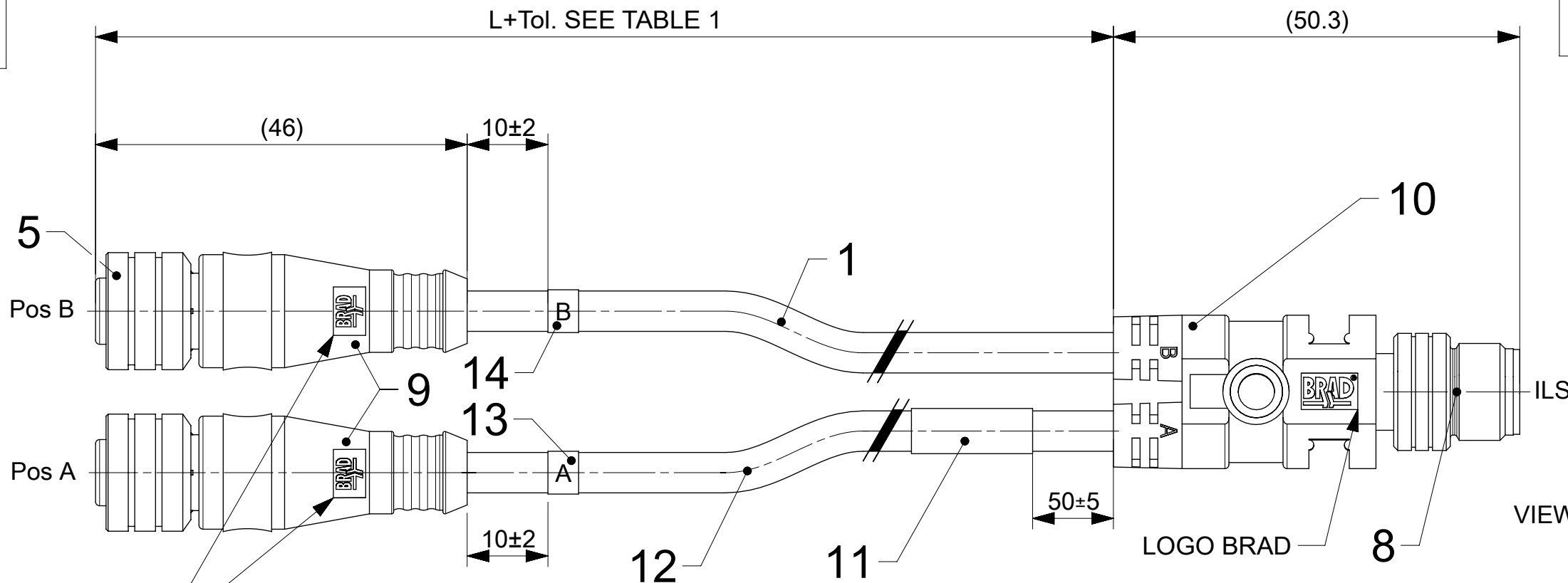


ILS M12 4 POLE
MALE



VIEW FROM THE FRONT SIDE

Pin	Wire color
1	BROWN A+B
2	BLACK B
3	BLUE A+B
4	BLACK A



VIEW FROM THE FRONT SIDE

LOGO BRAD

VIEW FROM THE FRONT SIDE

NOTES:
1. DIMENSION WITHOUT TOLERANCE ARE REFERENTIAL
2. FOR CABLES IXX AND IF IN MATRIX IS "H" - ADD ID-CARRIER'S ON THE BOTH SIDES HARNESS
3. BOM - SEE SHEET 2
4. MATRIX - SEE SHEET 2

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: CHANGED FROM MOLEX INTERNAL TO GENERAL MARKET				molex			
	DIMENSION UNITS	SCALE								
FA = 0	mm	3:2	GENERAL TOLERANCES (UNLESS SPECIFIED)				ILS 4P MM/ST 2XFE ST/ST XM			
FE = 0										
FE = 0			ANGULAR TOL ± °				PRODUCT CUSTOMER DRAWING			
DIVISIONAL SYMBOLS	4 PLACES	±	EC NO: 707539 DRWN: RSCHIEBER 2022/05/20 CHK'D: RSILLER 2022/05/20 APPR: RSILLER 2022/05/20				DOCUMENT NUMBER 1200090087			
	3 PLACES	±								
	2 PLACES	±	INITIAL REVISION: DRWN: AKONDRACIUK 2018/08/25 APPR: MIWASIECZKO 2018/08/29				DOC TYPE PSD			
	1 PLACE	±								
	0 PLACES	±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SHEET NUMBER 1 OF 2			
			THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		
			A3-SIZE		120009	SEE TABLE	GENERAL MARKET			

DOCUMENT STATUS	P1	RELEASE DATE	2022/05/20	09:56:11
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10

9

8

7

6

5

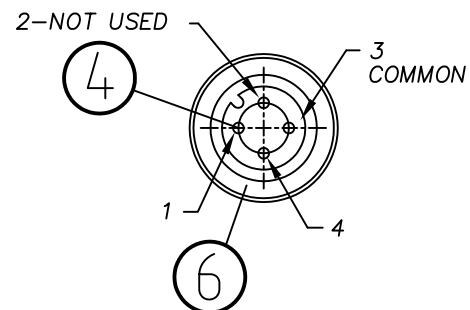
4

3

2

1

FEMALE INSERT FRONT VIEW (2x)

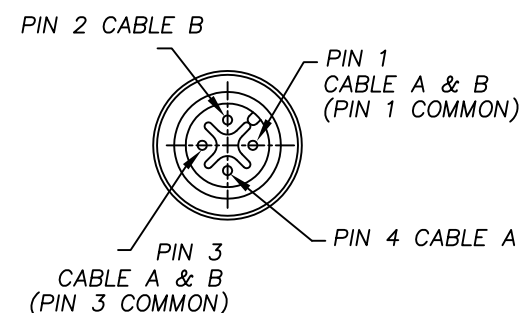


FINISHED LENGTH

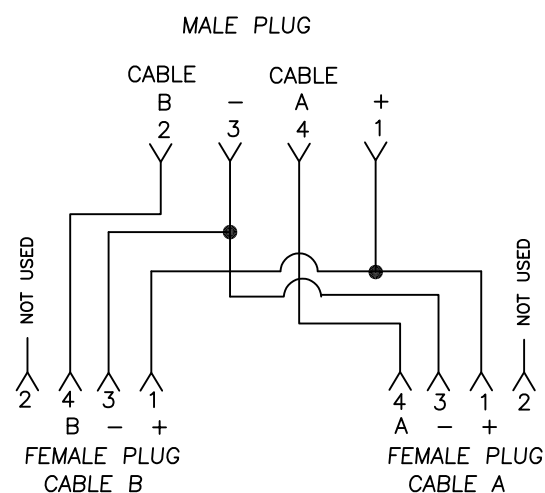
2.13/54.0

2.05/52

MALE INSERT FRONT VIEW

PRINTING
OR
LABEL $\pm 0.06/1.6$

2.13/54.0



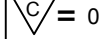
WIRING SCHEMATIC

CONNECTOR SPECIFICATION:

VOLTAGE RATING	300 V
AMPERAGE RATING	max. 4 AMPS
PROTECTION	IP67
OPERATING TEMPERATURE	FLEXING: -5°C TO +80°C STATIC: -30°C TO +80°C
UL CERTIFICATION	STYLE 2464
CSA CERTIFICATIONS	I/II A/B 80°/300V

ITEM	COMPONENT	MATERIAL	FINISH
7	LABLE	MYLAR	BLACK/YELLOW
6	O-RING	VITON	RED
5	COUPLER	BRASS	NICKEL PLATED
4	PIN CONTACT	COPPER ALLOY	GOLD OVER NICKEL
3	INSERT	PUR	BLACK
2	OVERMOLD	PVC	YELLOW
1	CABLE #22-3 (COPPER STRANDING) 3 CONDUCT. 300V	JACKET: PVC	YELLOW

MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGTH
1200688096	884A30E03M003	0.98' +0.75" -0 [0.3M +19.1 -0]

DESCRIPTION EC NO: WEU2010-0362 DRWN: BBRAUCH 2010/02/16 CHKD: NS APPR: NSTAUDIG 2010/02/18	QUALITY SYMBOLS	 = 0  = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY BBRAUCH		DATE 2010/02/16		ILS-4P-2XFE-STR-M-STR -XM-PVC ----	
			4 PLACES	±---	±---	CHECKED BY NS		DATE 2010/02/17			
			3 PLACES	±---	±---	APPROVED BY NSTAUDIG		DATE 2010/02/18		 MOLEX INCORPORATED	
			2 PLACES	±---	±0.1	MATERIAL NO.		DOCUMENT NO.			
			1 PLACE	±0.3	±---	SEE TABLE		SD-120068-029		1 OF 1	
	ANGULAR ± --- °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					