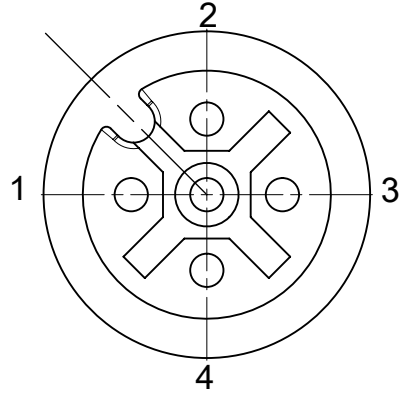


M12 3 POLE
FEMALE

Pos A & B



VIEW FROM THE FRONT SIDE

Pin	Wire color
1	BROWN
2	-
3	BLUE
4	BLACK

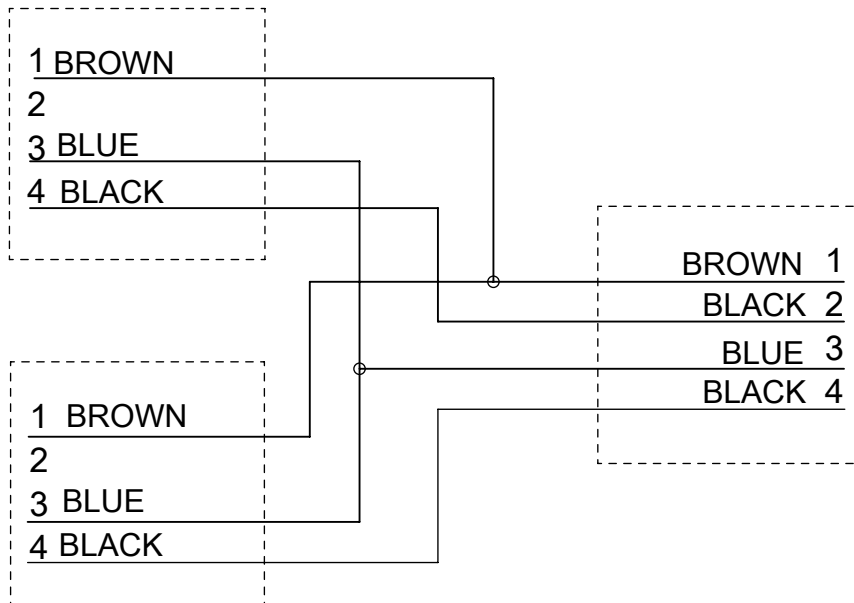
NOTES:
ELECTRICAL DATA:
VOLTAGE RATING: 250V
AMPERAGE RATING: 4A
INSULATION RESISTANCE: 10⁸ Ω MIN.
MATING CYCLES: MIN. 100

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

Pos B
Female M12

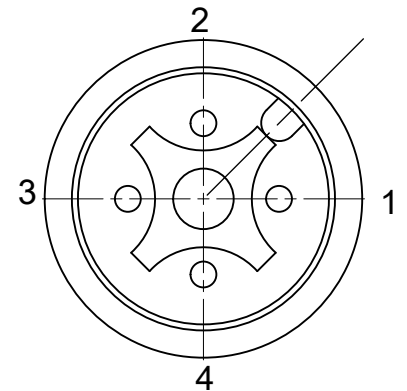
Pos A
Female M12

WIRING DIAGRAM



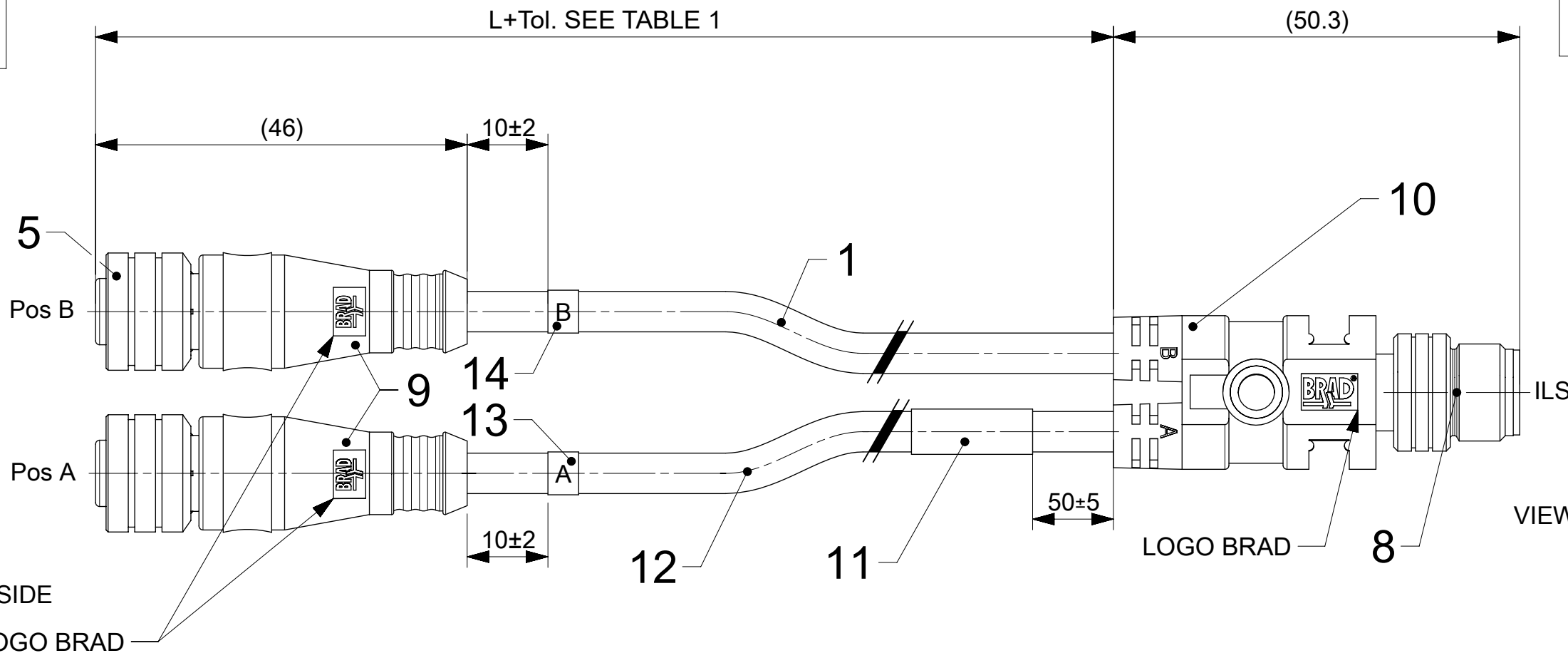
ILS
Male M12

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

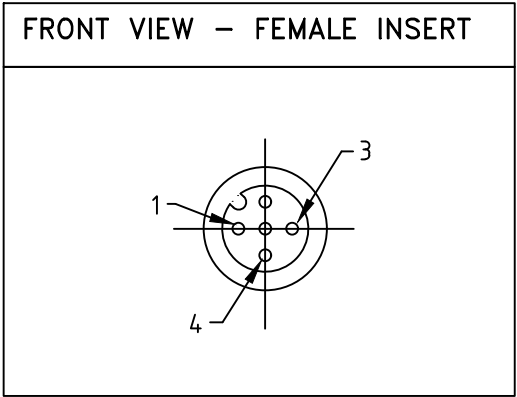
LOGO BRAD

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														
	DIMENSION UNITS		SCALE		CURRENT REV DESC: CHANGED FROM MOLEX INTERNAL TO GENERAL MARKET		molex								
	mm		3:2												
	GENERAL TOLERANCES (UNLESS SPECIFIED)						ILS 4P MM/ST 2XFE ST/ST XM								
	ANGULAR TOL ± °														
4 PLACES ±															
DIVISIONAL SYMBOLS	3 PLACES ±		2022/05/20		PRODUCT CUSTOMER DRAWING										
	2 PLACES ±		2022/05/20												
	1 PLACE ±		2022/05/20		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION				
	0 PLACES ±		2018/08/29		1200090087		PSD		000		A5				
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
						A3-SIZE		120009		SEE TABLE		GENERAL MARKET		1 OF 2	

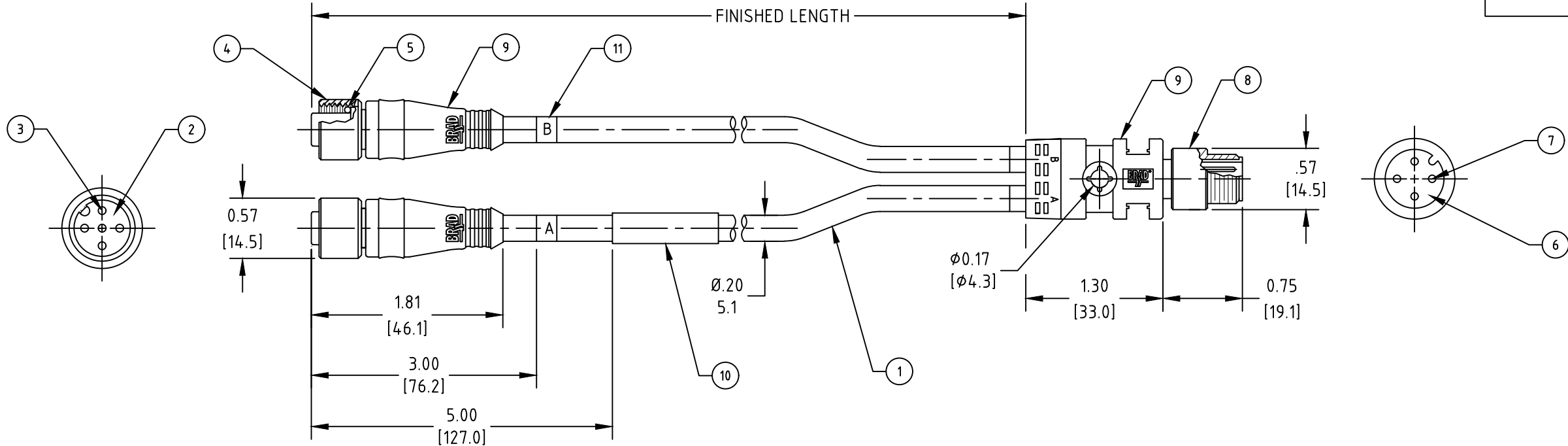
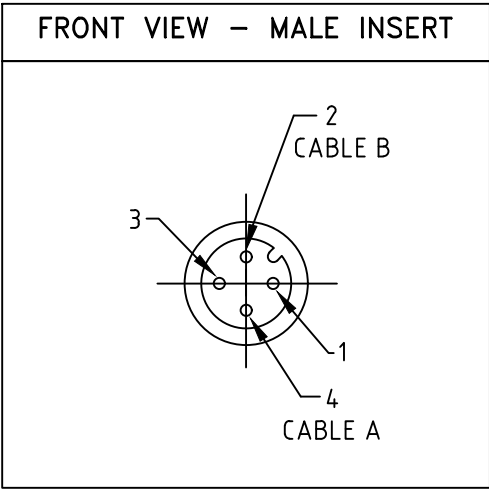
DOCUMENT STATUS	P1	RELEASE DATE	2022/05/20	09:56:11
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MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGTH
1200680195	884A30K05M003	1.0 FT [0.3M]
1200680196	884A30K05M006	2.0 FT [0.6M]
1200680197	884A30K05M010	3 FT 3 IN [1.0M]
1200680198	884A30K05M050	16FT 5 IN [5.0M]

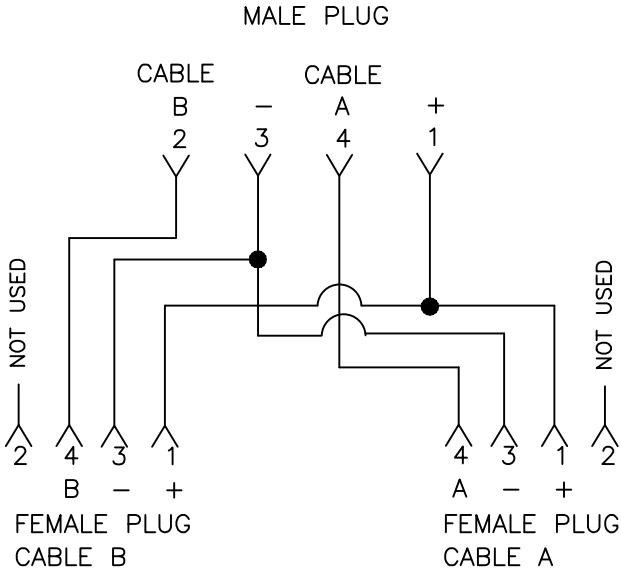
Ⓐ CABLE LENGTH TOLERANCES

>.3M [1FT]:	+19mm-0 [+.75in-0]
.3 - .9M [1 - 3FT]:	+44.5mm-0 [+1.75in-0]
.9 - 1.8M [3 - 6FT]:	+55.6mm-0 [+2.19in-0]
1.8 - 3.7M [6 - 12FT]:	+88.9mm-0 [+3.50in-0]
3.7 - 7.3M [12 - 24FT]:	+165.1mm-0 [+6.50in-0]
7.3-14.6M [24 - 48FT]:	+317.5mm-0 [+12.50in-0]
14.6 - 30.5M [48-100FT]:	+622.3mm-0 [+24.50in-0]
OVER 30M [100FT]	+2% OF FINISHED LENGTH



- Ⓐ NOTES:
1. MATERIAL: AS NOTED
 2. FINISH: AS NOTED
 3. ELECTRICAL:
VOLTAGE: 250V
CURRENT: 4A
 4. TEMP RATING: -25°C TO +105°C
 5. PROTECTION: IP67 (WHEN MATED)
 6. COUPLING THREAD: M12 X 1.0
 7. UL LISTED FILE: E152210
CSA CERTIFIED FILE: LR6837
 8. ALL DIMS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

11	ID LABEL	VINYL	WHITE
10	WRAP LABEL	VINYL	BLACK/YELLOW
9	OVERMOLDS	TPC Ⓐ	YELLOW
8	COUPLING, MALE	BRASS	NI/TFE PLATED
7	CONTACT PIN	COPPER ALLOY	GOLD PLATED
6	MALE INSERT 4P	PUR	BLACK
5	O-RING	VITON	RED
4	COUPLING, FEMALE	BRASS	NI/TFE PLATED
3	CONTACT SOCKET	COPPER ALLOY	GOLD PLATED
2	FEMALE INSERT 3P	PUR	BLACK
1	CABLE, 22/3, PLTC	TPE JACKET	YELLOW
ITEM	DESCRIPTION	MATERIAL	FINISH



WIRING SCHEMATIC

Ⓐ PART NUMBER LEGEND

884A30K05M010

POLE COUNT

FINISHED LENGTH:

M005= 0.5 METER
M010= 1.0 METER
M100= 10.0 METERS
C300= 30 CENTIMETERS

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
FUNCTIONAL SYMBOLS $\nabla_F=0$ $\nabla_C=0$ $\nabla_P=0$ DIVISIONAL SYMBOLS	DIMENSION UNITS INCH/MM		SCALE 1:1		CURRENT REV DESC: UPDATE DOC PER LATEST STD. REV'D NOTES, VOLTAGE WAS 300 V, LABEL WAS MYLAR ADD P/NS TO TABLE, ADD LENGTH TOLS, P/N LEGEND, ADD CABLE FLEX INFO, O-MOLD WAS TPE			molex MICRO-CHANGE INLINE SPLITTER 4P MALE TO 3P FEMALE STRAIGHT (2X), 22 AWG					
	GENERAL TOLERANCES (UNLESS SPECIFIED)												
	mm		INCH		EC NO: 643415								
	4 PLACES	± ----	± ----										
	3 PLACES	± ----	± ----		DRWN: RSTONE 2020/08/11								
	2 PLACES	± ----	± ----										
	1 PLACE	± ----	± ----		CHK'D: MZIELINSKI 2020/08/14								
	0 PLACES	± ----	± ----										
	ANGULAR TOL ± ---- °				APPR: BWOODMAN 2020/08/17								
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS												
THIRD ANGLE PROJECTION				DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				B-SIZE		120068		SD-120068-026		GENERAL MARKET		1 OF 1	