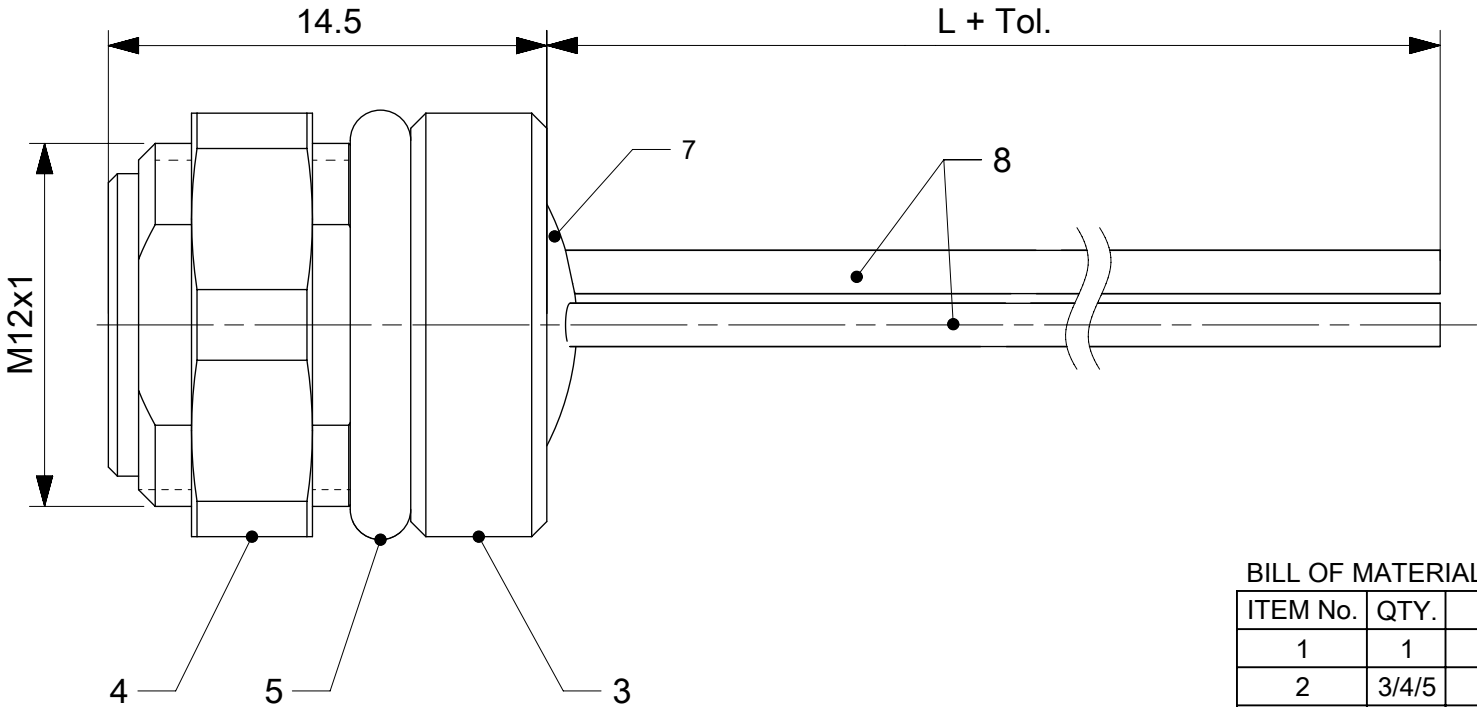
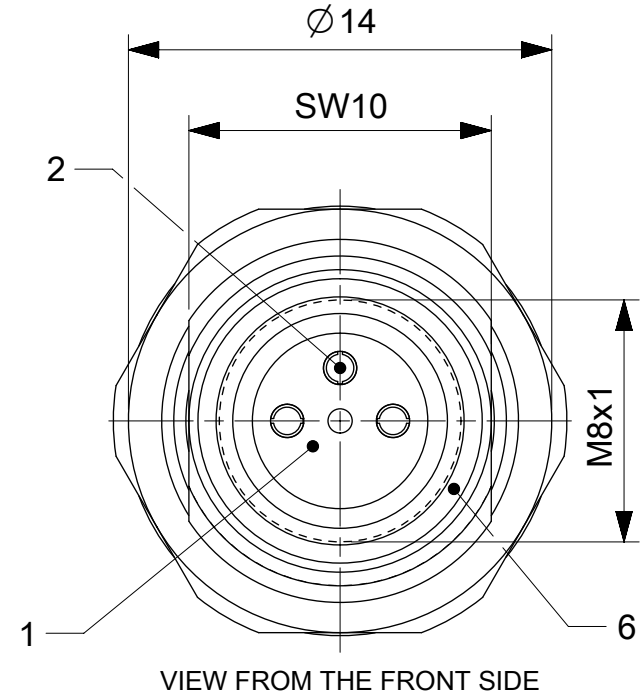
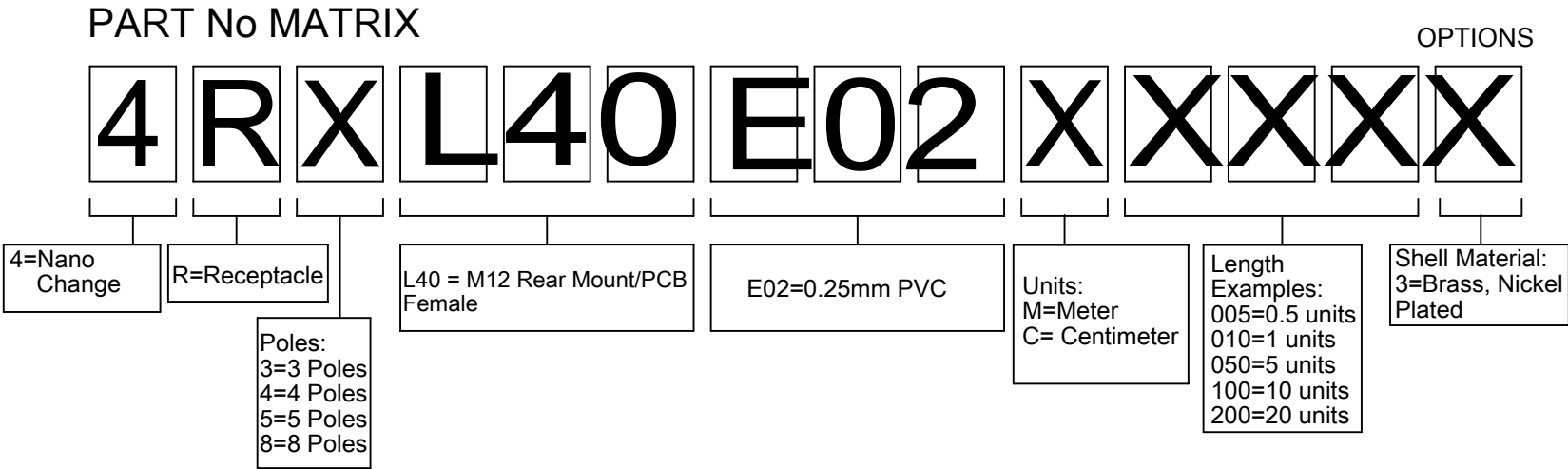
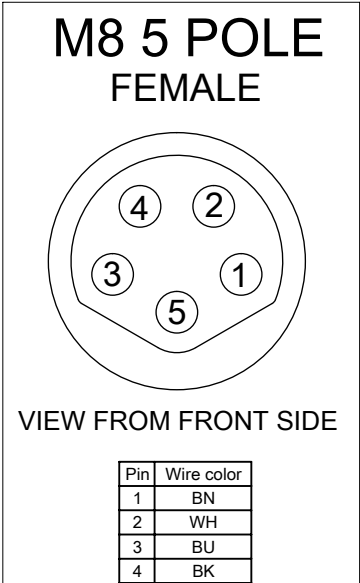
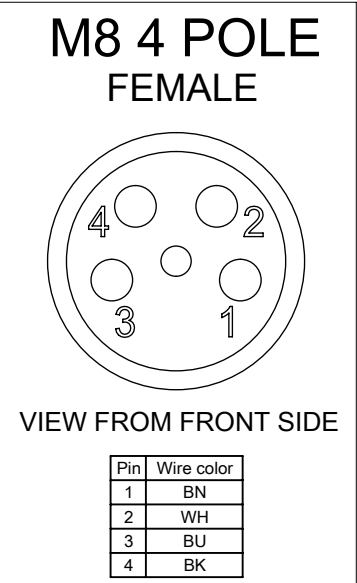
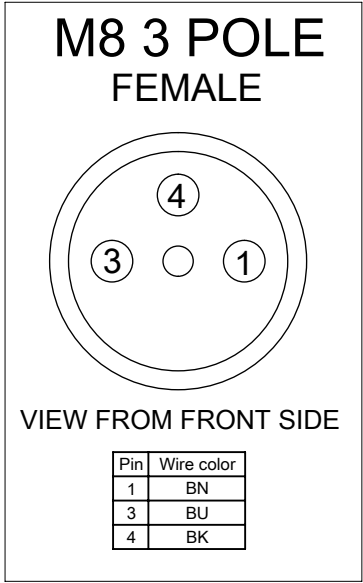




CONNECTOR SPECIFICATION :
RATED VOLTAGE: 3 CONTACTS 60V A.C or D.C
4 AND 5 CONTACTS 30V A.C or D.C
RATED CURRENT: 3, 4, 5 CONTACTS 3A
TEMPERATURE RANGE: -25°C to +85°C
PROTECTION CATEGORY: IP67
PACKAGING ACCORDING TO PACKAGING SPEC. 1201202000

WIRES LENGTH TOLERANCE				
OVER [mm]	UP TO AND INCLUDING [mm]	TOLERANCES [mm]		
0	305	+19		
305	915	+45		
915	1830	+56		
1830	3660	+89		
3660	7320	+165		
7320	14640	+317		
14640	30500	+610		
30500	>	+2% of finished length		
DOCUMENT STATUS	P1	RELEASE DATE	2023/11/30	13:30:46

TABLE 1			
MOLEX PN	ENGINEERING No.	POLES	L (mm)
1200905104	4R3L40E02C200	3 POLES	200
1200908054	4R3L40E02C250	3 POLES	250
1200908037	4R4L40E02C200	4 POLES	200
1200908056	4R5L40E02C200	5 POLES	200
1200908077	4R3L40E02C800	3 POLES	800

BILL OF MATERIAL				
ITEM No.	QTY.	DESCRIPTION	MATERIAL	FINISH/COLOR
1	1	INSERT M8 FEMALE	TPU	BLACK
2	3/4/5	CONTACT FEMALE	BRASS	GOLD OVER NICKEL PLATED
3	1	M12 FEMALE SHELL	BRASS	Ni-PLATED
4	1	LOCK NUT M12x1	BRASS	Ni-PLATED
5	1	O-RING (9.5x2)	NBR	BLACK
6	1	O-RING (5.0x0.8)	FKM	RED
7	-	ADHESIVE(FILLING RESIN)	WEVO	-
8	-	WIRES (24AWG)	-	

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
FA = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC:					molex							
	mm		4:1														
FE = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 770174 DRWN: RSCHIEBER 2023/11/20 CHK'D: RSILLER 2023/11/30 APPR: RSILLER 2023/11/30					REC M8 XP XC FE XM M12 BM WIR BRA							
FE = 0	ANGULAR TOL ± 1.0 °																
DIVISIONAL SYMBOLS	4 PLACES		±		INITIAL REVISION: DRWN: SSM 2018/07/16 APPR: RSILLER 2018/07/26					DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
	3 PLACES		±							1200905104		PSD		000		A2	
	2 PLACES		± 0.05							MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
	1 PLACE		± 0.3							SEE TABLE 1		GENERAL MARKET		1 OF 1			
	0 PLACES		± 0.5														
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES									
						A3-SIZE		120090									