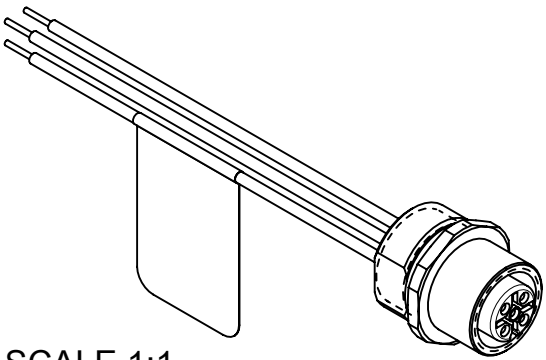
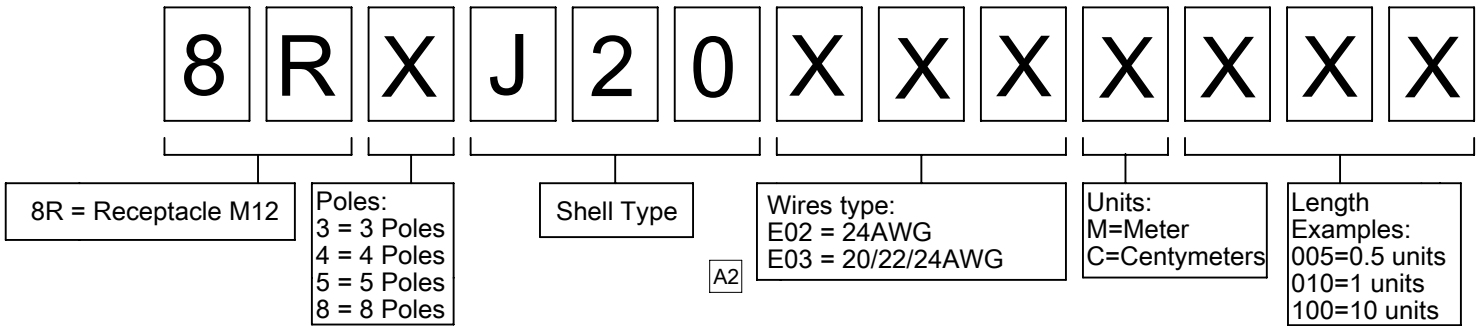


WIRES SPECIFICATION:

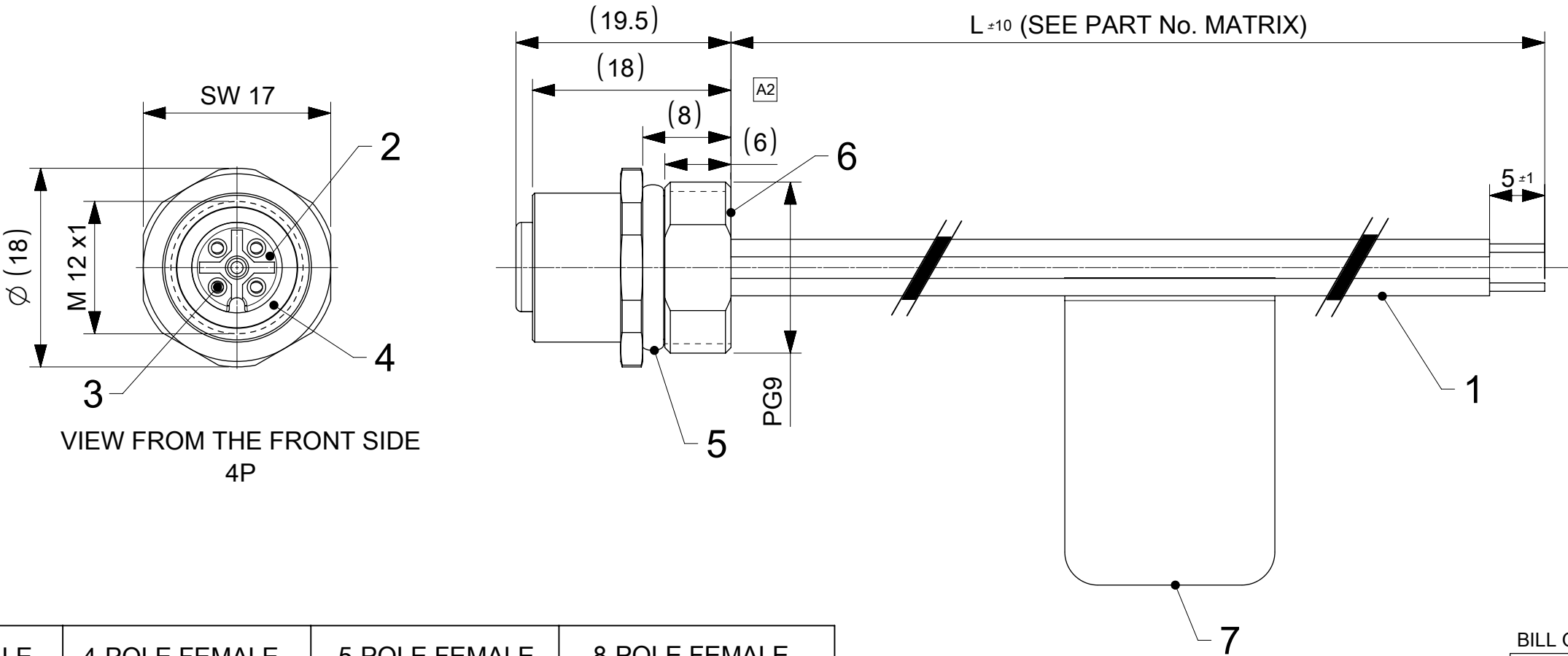
RATED VOLTAGE: 300V
RATED TEMPERATUE: 105°C
PRODUCT STANDARD CERTIFICATION: UL
FLAMMABILITY TEST: VW-1, CSA FT1
AWG: 22
CONSTRUCTION:17/0.16
INSULATION: PVC
INSULATION DIAMETER: 1.58 ±0.05mm

ENGINEERING NO. - NUMERICAL CODE

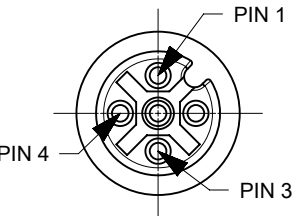
(Available parts see PART LIST table. Others on request).



SCALE 1:1



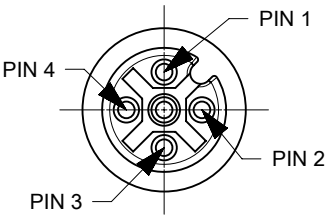
3-POLE FEMALE



VIEW FROM FRONT SIDE

PIN	WIRES TYPE	AWG	WIRE COLOR
1	E03	22	BROWN
2	-	-	-
3	E03	22	BLUE
4	E03	22	BLACK

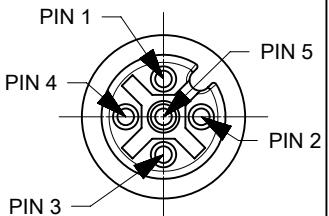
4-POLE FEMALE



VIEW FROM FRONT SIDE

PIN	WIRES TYPE	AWG	WIRE COLOR
1	E03/E02	22/24	BROWN
2	E03/E02	22/24	WHITE
3	E03/E02	22/24	BLUE
4	E03/E02	22/24	BLACK

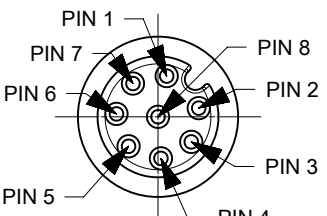
5-POLE FEMALE



VIEW FROM FRONT SIDE

PIN	WIRES TYPE	AWG	WIRE COLOR
1	E03	22	BROWN
2	E03	22	WHITE
3	E03	22	BLUE
4	E03	22	BLACK
5	E03	20	GREEN/YELLOW

8-POLE FEMALE



VIEW FROM FRONT SIDE

PIN	WIRES TYPE	AWG	WIRE COLOR
1	E02/E03	24	WHITE
2	E02/E03	24	BROWN
3	E02/E03	24	GREEN
4	E02/E03	24	YELLOW
5	E02/E03	24	GRAY
6	E02/E03	24	PINK
7	E02/E03	24	BLUE
8	E02/E03	24	RED

BILL OF MATERIALS

7	1	LABEL	VINYL	-
6	1	POTTING MATERIAL	PUR	-
5	1	O-Ring	NBR	-
4	1	GASKET M12	FPM	-
3	4	CONTACT FEMALE	BRASS	-
2	1	INSERT M12 FE	ELASTOLLAN	-
1	-	WIRES 20/22/24 AWG	PVC	-
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

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		molex REC M12 XP AC FE XM PG9 FM									
	mm		2:1											
F = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 844887 2025/12/22 DRWN: NIKHIS3 2026/01/15 CHK'D: APAWLAK01 2026/01/20 APPR: HKNEELAND INITIAL REVISION: DRWN: FGAIK 2016/09/11 APPR: RSAILLER 2024/06/11									
F = 0	ANGULAR TOL ± 1.0 °													
F = 0	4 PLACES		±											
DIVISIONAL SYMBOLS	3 PLACES		±											
	2 PLACES		± 0.05											
	1 PLACE		± 0.3											
	0 PLACES		± 0.5		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION			
					1200705164		PSD		000		A2			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
					A3-SIZE		120070		SEE SHEET 2		GENERAL MARKET		1 OF 2	

