

PRODUCT SPECIFICATION:
PROTECTION CLASS - IP67
VOLTAGE RATING - 60 Vac / 75 Vdc
CONTACT CURRENT RATING - 4 Amps

PART No MATRIX

4 R 4 H 4 0 E 0 2 X X X X 3

4R = Nano Change
Receptacle

Poles:
4 = 4 Poles

Heads style:
H40 =
M8 Female/PG7 Male REC

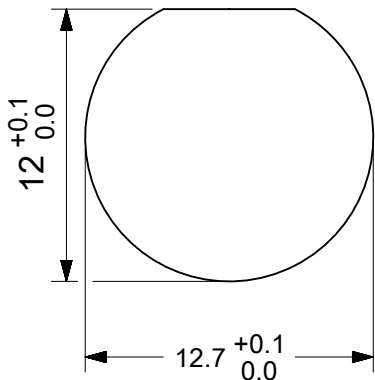
Wire:
E02 = 1.43mm², PVC

Units:
M = Meter
C = Centimeter

Length
Examples:
005 = 0.5 m
010 = 1 m
020 = 2 m
050 = 5 m
100 = 10 m
150 = 15 m
200 = 20 m

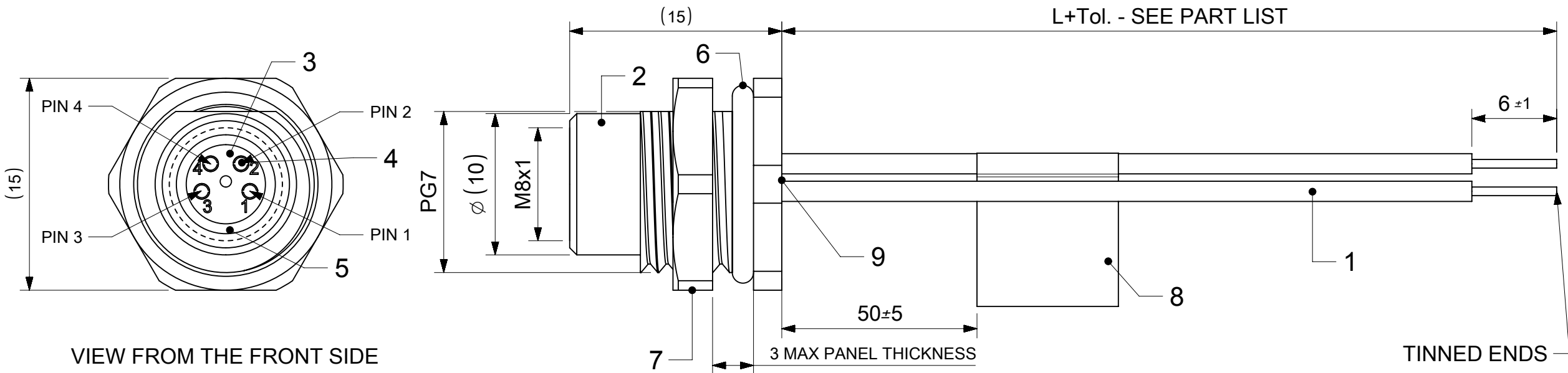
Shell Material:
3=Brass, Nickel
Plated

PANEL CUTOUT



WIRING DIAGRAM

1 ← BROWN
2 ← WHITE
3 ← BLUE
4 ← BLACK



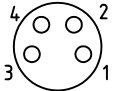
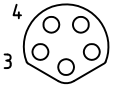
BILL OF MATERIALS

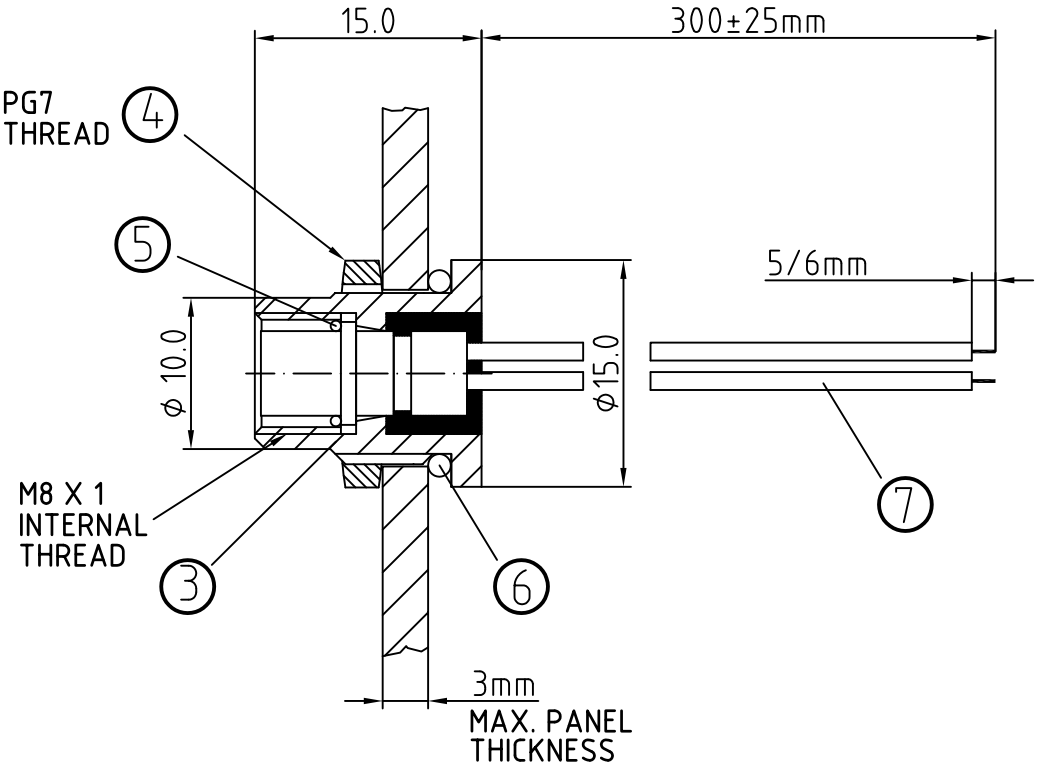
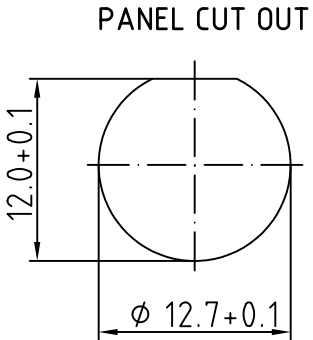
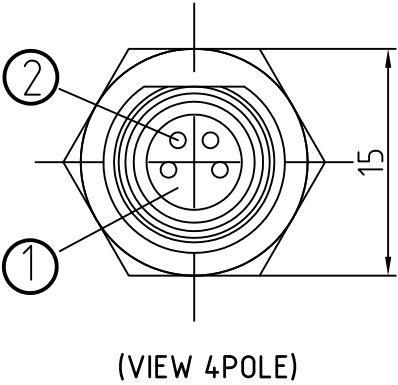
9	-	POTTING MATERIAL	WEVO	-
8	1	LABEL	VINYL	YELLOW
7	1	LOCKNUT PG7	BRASS	NICKEL PLATED
6	1	O-RING	FPM	BLACK
5	1	GASKET 5x0.8	FKM	RED
4	4	CONTACT 10 FE	BRONZE	GOLD OVER NICKEL PLATED
3	1	INSERT M8 4P FE	PUR	BLACK
2	1	REC SHELL M8(FE)xPG7(M)	BRASS	NICKEL PLATED
1	-	WIRES;24AWG;OD=1.43mm	PVC	-
ITEM	QTY	DESCRIPTION	MATERIAL	FINISH/COLOR

PART LIST

MOLEX PN	ENGINEERING NO	L+Tol.[mm]
1200310022	4R4H40E02C3003	300 +19
1200310035	4R4H40E02M0103	1000 +56

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
 = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC:									
	mm		3:1											
 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)							EC NO: 607527 DRWN: MKOWALCZYK01 2018/11/09 CHK'D: DSTACHOWIAK 2018/11/13 APPR: DSTACHOWIAK 2018/11/13			NC-4P-XW-FE-REC PG7-XXM-PVC			
 = 0														
 = 0	ANGULAR TOL ± °				PRODUCT CUSTOMER DRAWING									
 = 0	4 PLACES ±													
 = 0	3 PLACES ±				INITIAL REVISION: DRWN: MKOWALCZYK01 2018/11/09 APPR: DSTACHOWIAK 2018/11/13			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION		
 = 0	2 PLACES ±							1200310022		PSD	000	A		
 = 0	1 PLACE ±				THIRD ANGLE PROJECTION			MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		
 = 0	0 PLACES ±							SEE PART LIST		GENERAL MARKET		1 OF 1		
 = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						DRAWING		SERIES					
 = 0							A3-SIZE		120031					

FEMALE FACE VIEW			
4 POLE		5 POLE	
			
Pin No.	Wire	Pin No.	Wire
1	Brown	1	Brown
2	White	2	White
3	Blue	3	Blue
4	Black	4	Black
		5	Grey



POLE	MATERIAL NUMBER	ENGINEERING NUMBER
4	1200310022	4R4H40E02C3003
5	1200310050	4R5H40E02C3003

CONNECTOR SPECIFICATION:	
VOLTAGE RATING	3-4POL:60V/AC 75V/DC 5POL:30V/AC 36V/DC
AMPERAGE RATING	3 AMPS
PROTECTION	IP68
OPERATING TEMPERATURE	-25°C TO +90°C

ITEM	COMPONENT	MATERIAL	FINISH
1	INSERT	POLYURETHANE (PUR)	BLACK
2	CONTACT SOCKET	COPPER ALLOY	GOLD OVER NICKEL
3	SHELL	BRASS	NICKEL PLATED
4	LOCKNUT	BRASS	NICKEL PLATED
5	O-RING	FPM	RED
6	O-RING	VITON	BLACK
7	COPPER STRANDING	JACKET: PVC	
AWG24/0.25mm ²			

DESCRIPTION EC NO: WEU2010-0338 DRWN: REISSNER 2010/02/15 CHKD: RE APPR: FPACHER 2010/02/24	DESCRIPTION	QUALITY SYMBOLS ▽ = 0 ▽C = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION		
				mm	INCH	MM		2:1	METRIC			
			4 PLACES	±---	±---	DRAWN BY	DATE	NC-XP-FE-REC-PG7-0.3M-AWG24-PVC BACK MOUNT				
			3 PLACES	±---	±---	REISSNER	2010/02/15					
			2 PLACES	±---	±---	CHECKED BY	DATE					
			1 PLACE	±0.1	±---	FP	2010/02/15	MOLEX INCORPORATED				
			ANGULAR ± --- °		APPROVED BY	DATE						
					FPACHER	2010/02/19						
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO.		DOCUMENT NO.			SHEET NO.	
						SEE TABLE		SD-120090-026			1 OF 1	
SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											