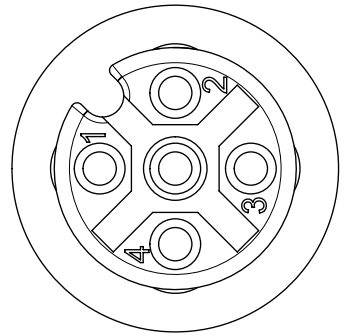


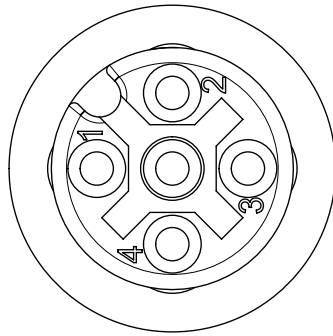
# M12 4 POLE FEMALE



VIEW FROM THE FRONT SIDE

Pin	Kolor przewodu	
1	BROWN	BN
2	WHITE	WH
3	BLUE	BU
4	BLACK	BK

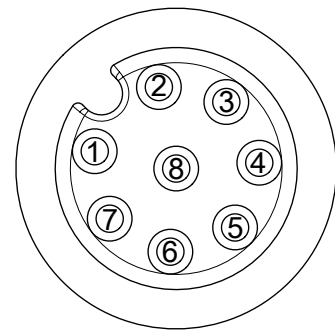
# M12 5 POLE FEMALE



VIEW FROM THE FRONT SIDE

Pin	Kolor przewodu	
1	BROWN	BN
2	WHITE	WH
3	BLUE	BU
4	BLACK	BK
5	GREY	GY

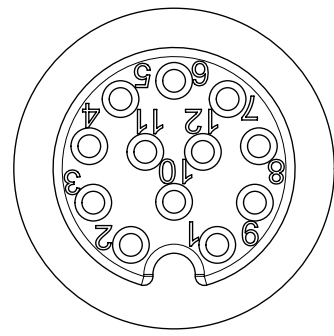
# M12 8 POLE FEMALE



VIEW FROM THE FRONT SIDE

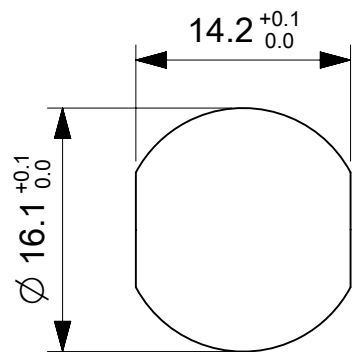
Pin	Kolor przewodu	
1	WHITE	WH
2	BROWN	BN
3	GREEN	GN
4	YELLOW	YE
5	GREY	GY
6	PINK	PK
7	BLUE	BU
8	RED	RD

# M12 12 POLE FEMALE

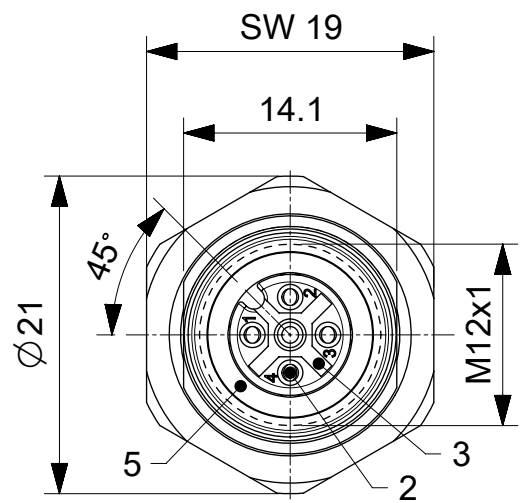


VIEW FROM THE FRONT SIDE

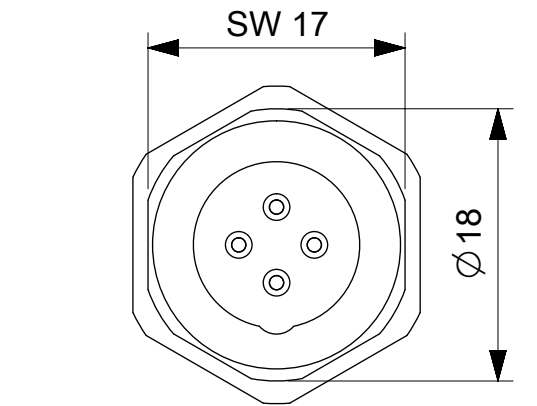
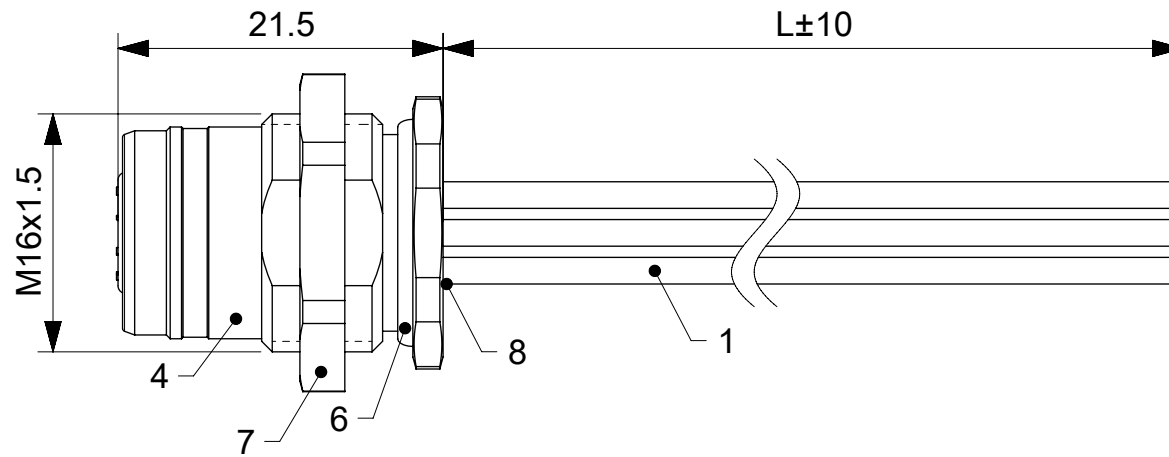
Pin	Kolor przewodu	
1	WHITE	WH
2	BROWN	BN
3	GREEN	GN
4	YELLOW	YE
5	GREY	GY
6	PINK	PK
7	BLUE	BU
8	RED	RD
9	BLACK	BK
10	VIOLET	VT
11	GREY/PINK	GY/PK
12	RED/BLUE	RD/BU



PANEL CUT OUT



VIEW FROM THE FRONT SIDE



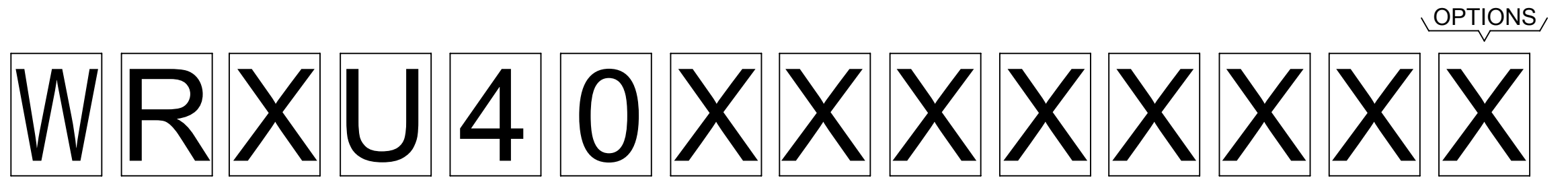
VIEW FROM THE WIRES SIDE

## BILL OF MATERIALS

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
8	-	POTTING MATERIAL	WEVO	-
7	1	LOCKNUT M16x1.5	BRASS	Ni
6	1	O-RING BK	NBR	-
5	1	GASKET RD	FPM	-
4	1	SHELL M12x1 M16x1.5	BRASS/STAINLESS STEEL	Ni/-
3	1	INSERT 4/5/8/12P FE AC	ELASTOLLAN	-
2	4/5/8/12	CONTACT FEMALE	BRASS	AU
1	-	WIRE 20/22/24/26 AWG UL1569	PVC	-
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: OBSOLETE PART NUMBERS AS PER PCN#506884		<b>molex</b>					
DIMENSION UNITS	SCALE	2:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)		ANGULAR TOL ± 1.0°		REC M12 XP AC FE PVC XM M16 BM					
4 PLACES	±	EC NO: 662770		2021/03/02					
3 PLACES	±	DRWN: SUGEEB		2021/06/02					
2 PLACES	± 0.05	CHK'D: GGA		2021/06/02					
1 PLACE	± 0.3	APPR: GGA		2021/06/02					
0 PLACES	± 0.5	INITIAL REVISION:		DOCUMENT NUMBER					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	DOC TYPE	DOC PART	REVISION
			A3-SIZE	120084	1200848135	GENERAL MARKET	PSD	000	A5
DOCUMENT STATUS		P1	RELEASE DATE	2021/06/02	05:45:55				

ENGINEERING No. - NUMERICAL CODE (Available parts see PART LIST table. Others parts available upon request)



WR = U12 REC

Poles:  
4 = 4 Poles  
5 = 5 Poles  
8 = 8 Poles  
C = 12 Poles

Shell Type

Wires  
E01 = 26AWG PVC  
E02 = 24AWG PVC  
E03 = 22AWG PVC  
E04 = 20AWG PVC


Units:  
M = Meters  
C = Centimeters

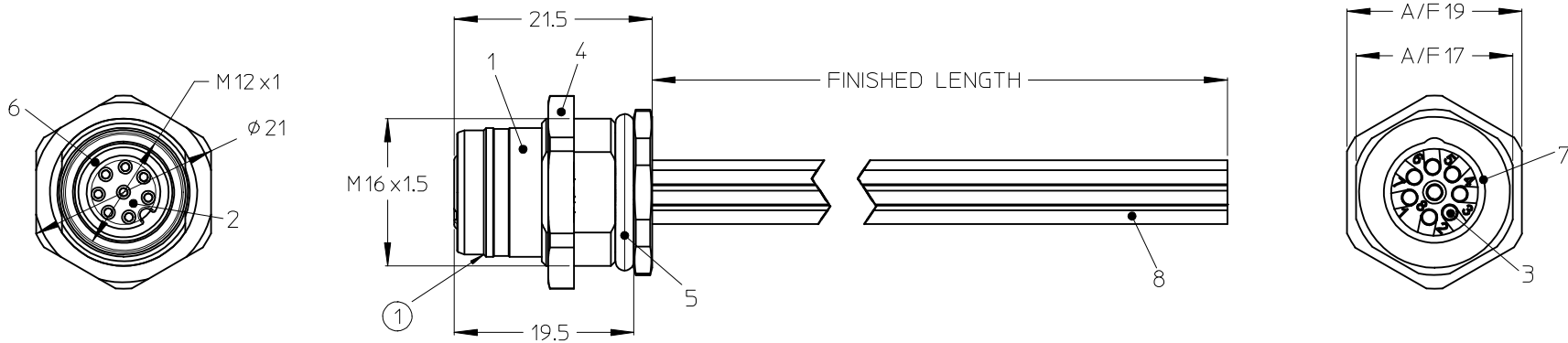
Length  
Examples:  
005 = 0.5 unit  
010 = 1 unit  
100 = 10 units

Shell Material  
blank, 3 = Brass  
8 = Stainless Steel

PART LIST

Molex PN	Engineering No.	L [mm]
1200848135	WR4U40E04C3003	300
1200845097	WR8U40E02C300	300
1200848069	WR8U40E02C500	500
1200848059	WR8U40E02M010	1000
1200845016	WRCU40E01C200	200
1200845017	WRCU40E01C300	300
1200848058	WRCU40E01M010	1000
1200845038	WR4U40E03C3003	300
1200845160	WR5U40E03C3003	300
1200848180	WR5U40E03M0103	1000
1200848192	WR5U40E03C300	300
1200848219	WR4U40E03C650	650

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DIMENSION UNITS	SCALE	CURRENT REV DESC: OBSOLETE PART NUMBERS AS PER PCN#506884							
mm	1:1	 REC M12 XP AC FE PVC XM M16 BM							
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL	± 1.0 °	PRODUCT CUSTOMER DRAWING							
4 PLACES	±	EC NO: 662770	2021/03/02		DOCUMENT NUMBER				
3 PLACES	±	DRWN: SUGEEB	2021/06/02		1200848135		DOC TYPE	DOC PART	REVISION
2 PLACES	± 0.05	CHK'D: GGA	2021/06/02		PSD		000	A5	
1 PLACE	± 0.3	APPR: GGA	INITIAL REVISION:		MATERIAL NUMBER				
0 PLACES	± 0.5	APPR: MIWASIECZKO	2016/09/27		SEE PART LIST		CUSTOMER		SHEET NUMBER
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	GENERAL MARKET		2 OF 2		



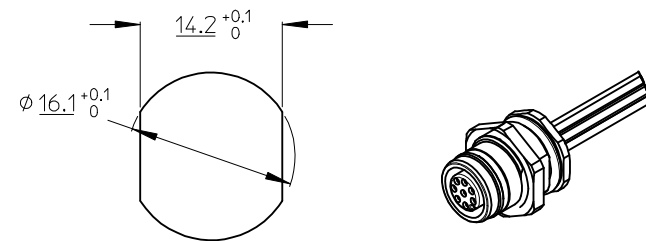
**PART LIST:**

ITEM	COMPONENT	MATERIAL	FINISH
1	REC SHELL	BRASS	NICKEL PLATED
2	INSERT	PUR	BLACK
3	CONTACT	BRASS / GOLD	CuZn Ni/ Au
4	M16 NUT	BRASS	NICKEL PLATED
5	O-RING	NBR	BLACK
6	O-RING	VITON	RED
7	POTTING MATERIAL	WEVO	NONE
8	WIRES	COPPER/PVC	NONE

Wiring Diagram:

- 1 - WHITE / weiß
- 2 - BROWN / braun
- 3 - GREEN / grün
- 4 - YELLOW / gelb
- 5 - GREY / grau
- 6 - PINK / rosa
- 7 - BLUE / blau
- 8 - RED / rot

Panel cut-out



Technical characteristic

**VOLTAGE RATING:** 30 VAC / 36 VDC  
**AMPERAGE RATING:** 2 A  
**PROTECTION CLASS:** IP 67/68/69K  
**OPERATING TEMPERATURE:** -25°C / 90°C

POL	MATERIAL NO.	ENGINEERING NO.	FINISHED LENGTH
8	1200845097	WR8U40E02C300	300 ± 10
8	1200848059	WR8U40E02M010	1000 ± 10
8	1200848069	WR8U40E02C500	500 ± 10

ADDED NEW P/N'S EC NO: IPG2015-1553 DRW:BBRAUCH 2015/03/03 CHK:RSILLER 2015/03/06 APPR:RSILLER 2015/03/06	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.05 ± --- 1 PLACE ± 0.1 ± --- 0 PLACE ± --- ± --- ANGULAR ± ---°	DIMENSION STYLE MM ONLY DRAWN BY: NSTAUDIGEL CHECKED BY: NSTAUDIGEL APPROVED BY: FPACHER DATE: 2010/01/28 DATE: 2010/01/28 DATE: 2010/02/01	SCALE 2:1 DESIGN UNITS METRIC FIRST ANGLE PROJECTION	TITLE REC M12 8P AC FE STR PVC XM M16 BM UNSH	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-120084-021	SHEET NO. 1 OF 1		
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				<b>molex</b>	