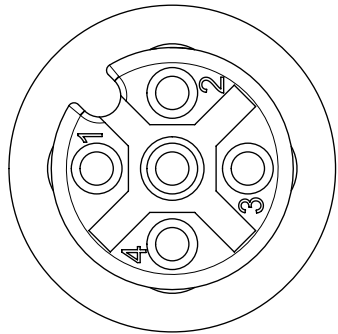


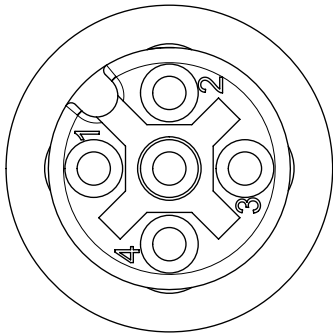
M12 4 POLE
FEMALE



VIEW FROM THE FRONT SIDE

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

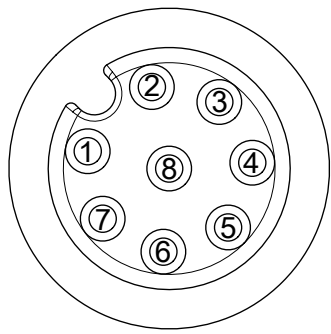
M12 5 POLE
FEMALE



VIEW FROM THE FRONT SIDE

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

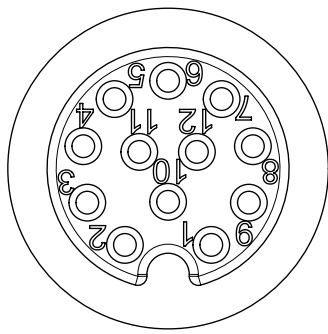
M12 8 POLE
FEMALE



VIEW FROM THE FRONT SIDE

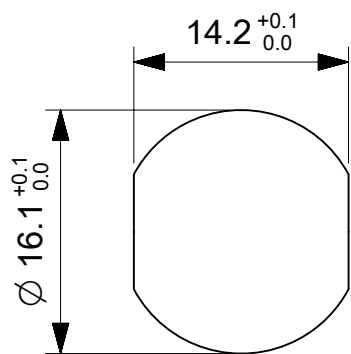
Pin	Kolor przewodu	
1	WHITE	WH
2	BROWN	BN
3	GREEN	GN
4	YELLOW	YE
5	GREY	GY
6	PINK	PK
7	BLUE	BU
8	RED	RD

M12 12 POLE
FEMALE

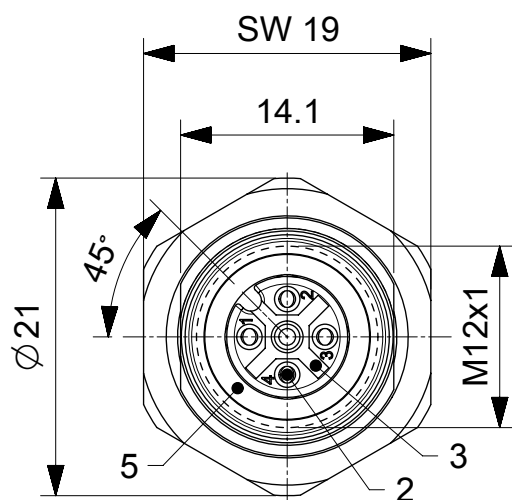


VIEW FROM THE FRONT SIDE

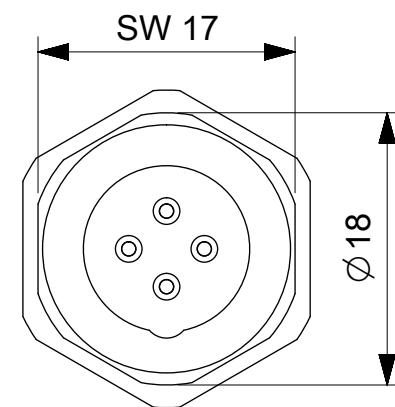
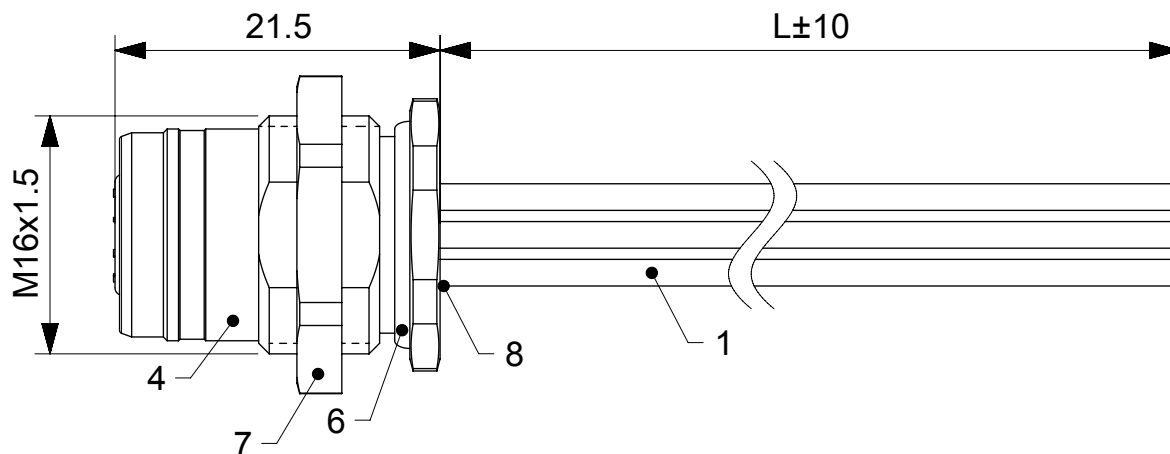
Pin	Kolor przewodu	
1	WHITE	WH
2	BROWN	BN
3	GREEN	GN
4	YELLOW	YE
5	GREY	GY
6	PINK	PK
7	BLUE	BU
8	RED	RD
9	BLACK	BK
10	VIOLET	VT
11	GREY/PINK	GY/PK
12	RED/BLUE	RD/BU



PANEL CUT OUT



VIEW FROM THE FRONT SIDE



VIEW FROM THE WIRES SIDE

BILL OF MATERIALS

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																				
QUALITY SYMBOLS		EC NO: 120783 DRWN: MKOWALCZYK01 CHK'D: MIWASIECZKO APPR: MIWASIECZKO		2017/08/21 2017/08/22		GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 1.0 ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.05 1 PLACE ± 0.3 0 PLACES ± 0.5 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DIMENSION UNITS		SCALE		molex® REC M12 XP AC FE PVC XM M16 BM								
mm								2:1												
DRWN BY								DATE												
= 0										KKALICIAK		2016/09/27		PRODUCT CUSTOMER DRAWING						
= 0										CHK'D BY		DATE								
= 0										APPR BY		DATE								
= 0										MIWASIECZKO		2016/10/25		SERIES 120084		MATERIAL NUMBER SEE SHEET 2		CUSTOMER GENERAL MARKET		
= 0										DRAWING SIZE		THIRD ANGLE PROJECTION								
= 0										A3										
= 0														DOCUMENT NUMBER		DOC TYPE		DOC PART		SHEET NUMBER
= 0		A3		REV				A3		1200848135		PSD		000		1 OF 2				

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

W R X U 4 0 X X X X X X X X

OPTIONS

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

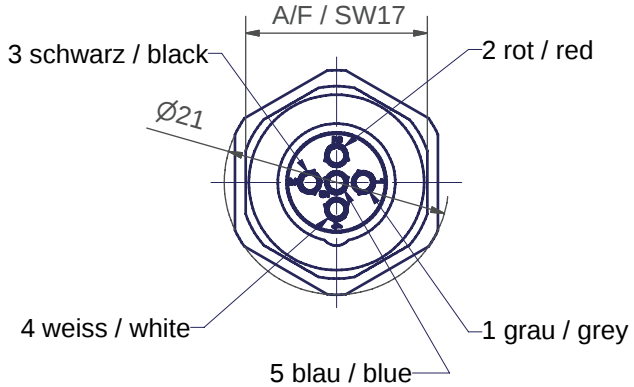
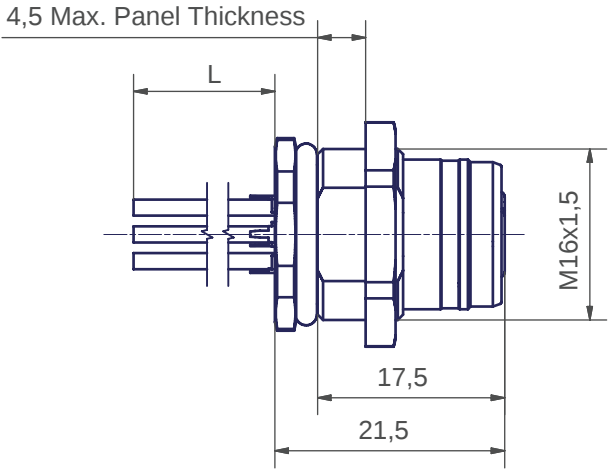
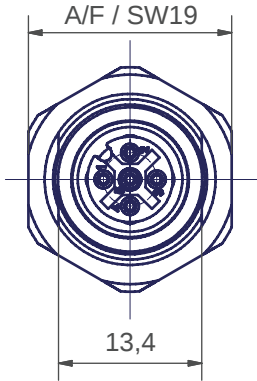
Shell Material
blank, 3 = Brass
8 = Stainless Steel

PART LIST

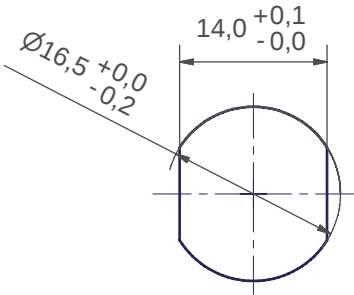
Molex PN	Engineering No.	L [mm]
1200845174	WR4U40E03C3008	300
1200848135	WR4U40E04C3003	300
1200845172	WR8U40E01C3008	300
1200845097	WR8U40E02C300	300
1200848069	WR8U40E02C500	500
1200848059	WR8U40E02M010	1000
1200845016	WRCU40E01C200	200
1200845017	WRCU40E01C300	300
1200845173	WRCU40E01C3008	300
1200848058	WRCU40E01M010	1000

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
QUALITY SYMBOLS		EC NO: 120783 DRWN: MKOWALCZYK01 CHK'D: APPR: MIWASIECZKO	2017/08/21 2017/08/22	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 1.0 °		DIMENSION UNITS		SCALE		molex® REC M12 XP AC FE PVC XM M16 BM				
	= 0					mm		1:1						
	= 0					DRWN BY		DATE						
	= 0					KKALICIAK		2016/09/27						
	= 0			4 PLACES		±	CHK'D BY		DATE		PRODUCT CUSTOMER DRAWING			
	= 0			3 PLACES		±	APPR BY		DATE					
	= 0			2 PLACES		±							0.05	
	= 0			1 PLACE		±							0.3	
	= 0			0 PLACES		±	0.5		MIWASIECZKO		2016/10/25			
	= 0			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE		THIRD ANGLE PROJECTION		SERIES		MATERIAL NUMBER		CUSTOMER
	= 0	A3						120084		SEE PART LIST		GENERAL MARKET		
	= 0	A3						DOCUMENT NUMBER		DOC TYPE		DOC PART		SHEET NUMBER
	= 0			1200848135				PSD		000		2 OF 2		

Material No.	Engineering No.	L
1200845038	WR4U40E03C3003	0,3m
1200845160	WR5U40E03C3003	0,3m



Allgemeine Kennwerte General Characteristics		Norm Standard	
Polzahl	Number of contacts		5
Kontaktanordnung	Contact configuration	IEC 947-5-2	
Bemessungsspannung	Rated Voltage	IEC 664	60V AC / DC
Verschmutzungsgrad	Pollution Degree	IEC 664	3
Betriebsstrom	Current carrying capacity	IEC 512-3 Test 5 b	4A
Durchgangswiderstand	Contact Resistance	IEC 512-2 Test 2 A	< 5m Ω
Bemessungsstoßspannung	Rated Impulse Withstand Voltage	IEC 664	2kV
Prüfspannung	Test Voltage	IEC 60512-2 Test 4 A	1 kV / 60 sec
Isolationswiderstand	Insulation Resistance	IEC 512-2 Test 3 A	< 10 G Ω
IP - Schutzart	IP Degree Of Protection	IEC 529	IP 67
Stift Durchmesser	Pin Diameter		1,0mm
Werkstoffe	Kontakte	Materials	Kupferlegierung / copper alloy
	Kontaktoberfläche		Au/Ni
	Kontaktträger		PA 6.6
	Dichtung (O-Ring)		NBR
	Gehäuse		CuZn (brass) mit Ni-Oberfläche Nickel Plated
Anschlußart		Termination	Crimp
Brennbarkeit	Kontaktträger	Flammfähigkeit	Inserts
	Leitung / Kabel		Cable
Mechanische Lebensdauer		Mechanical Operation	500 Steckzyklen / Mating Cycles
Temperaturbereich		Temperature Range	IEC 60668-1 -25°C / +90°C



EC NO: WEU2010-0369 DRWN: NS CHKD: FP APPR: FP	DESCRIPTION	QUALITY SYMBOLS =0 =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 FIRST ANGLE PROJECTION
				mm	INCH	DRAWN BY US	DATE 18.06.2008	M12U 4/5P Fem Rec Back Mount M16x1,5 - Spec. Wiring SPR 080082	
			4 PLACES	±---	±----	CHECKED BY NS	DATE 20.08.2008		
			3 PLACES	±---	±----				
			2 PLACES	±0,05	±---				
			1 PLACE	±0,10	±---	APPROVED BY NS	DATE 20.08.2008	 MOLEX INCORPORATED	
			ANGULAR ± 1/2 °		MATERIAL NO.		DOCUMENT NO. SD-120084-004		
2	REV		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			