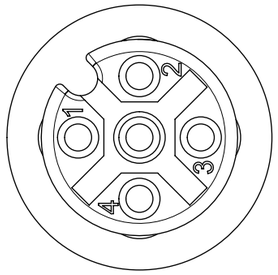
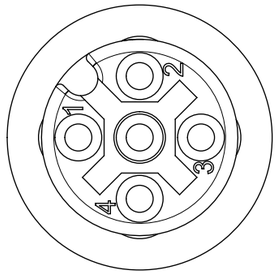
M12 4 POLE
FEMALE



VIEW FROM THE FRONT SIDE

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

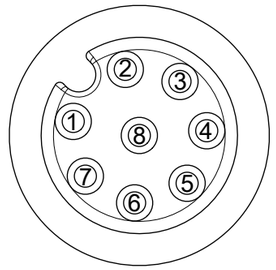
M12 5 POLE
FEMALE



VIEW FROM THE FRONT SIDE

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

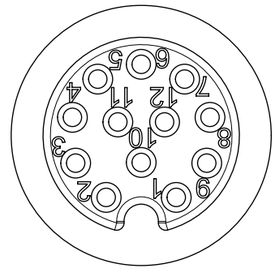
M12 8 POLE
FEMALE



VIEW FROM THE FRONT SIDE

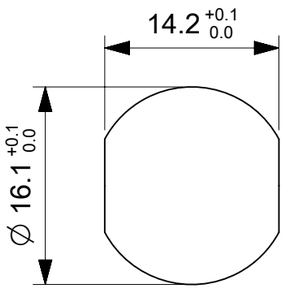
Pin	Kolor przewodu	
1	WHITE	WH
2	BROWN	BN
3	GREEN	GN
4	YELLOW	YE
5	GREY	GY
6	PINK	PK
7	BLUE	BU
8	RED	RD

M12 12 POLE
FEMALE

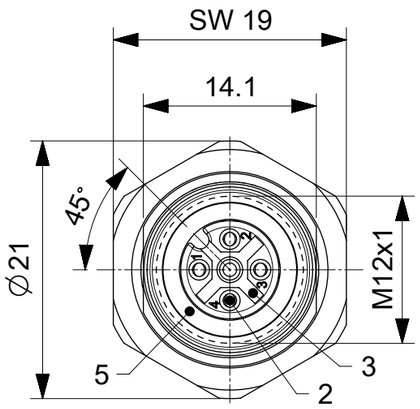


VIEW FROM THE FRONT SIDE

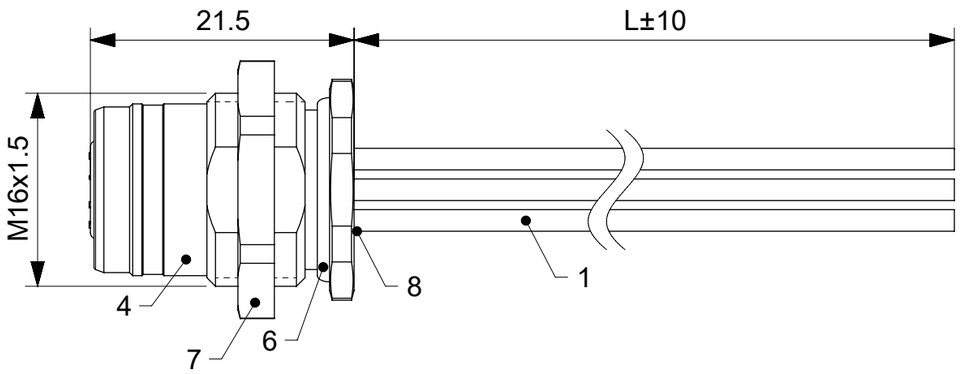
Pin	Kolor przewodu	
1	WHITE	WH
2	BROWN	BN
3	GREEN	GN
4	YELLOW	YE
5	GREY	GY
6	PINK	PK
7	BLUE	BU
8	RED	RD
9	BLACK	BK
10	VIOLET	VT
11	GREY/PINK	GY/PK
12	RED/BLUE	RD/BU

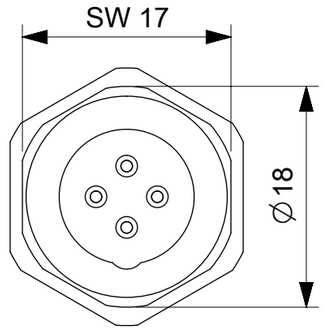


PANEL CUT OUT



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	-

DOCUMENT STATUS	P1	RELEASE DATE	2021/06/02 05:45:55

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DIMENSION UNITS	SCALE
mm	2:1

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

CURRENT REV DESC: OBSOLETED PART NUMBERS AS PER PCN#506884

EC NO: 662770

DRWN:	SUGEEB	2021/03/02
CHK'D:	GGA	2021/06/02
APPR:	GGA	2021/06/02

INITIAL REVISION:

DRWN:	KKALICIAK	2016/09/27
APPR:	MIWASIECZKO	2016/10/25

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 120084

molex

REC M12 XP AC FE PVC XM M16 BM

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1200848135	PSD	000	A5

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE SHEET 2	GENERAL MARKET	1 OF 2

FORMAT: master-tb-prod-A3
REVISION: J
DATE: 2020/01/14

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]
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

DOCUMENT STATUS	P1	RELEASE DATE	2021/06/02	05:45:55

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DIMENSION UNITS	SCALE
mm	1:1

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

CURRENT REV DESC: OBSOLETED PART NUMBERS AS PER PCN#506884

EC NO: 662770
DRWN: SUGEEB 2021/03/02
CHK'D: GGA 2021/06/02
APPR: GGA 2021/06/02

INITIAL REVISION:
DRWN: KKALICIAK 2016/09/27
APPR: MIWASIECZKO 2016/10/25

molex

REC M12 XP AC FE PVC XM M16 BM

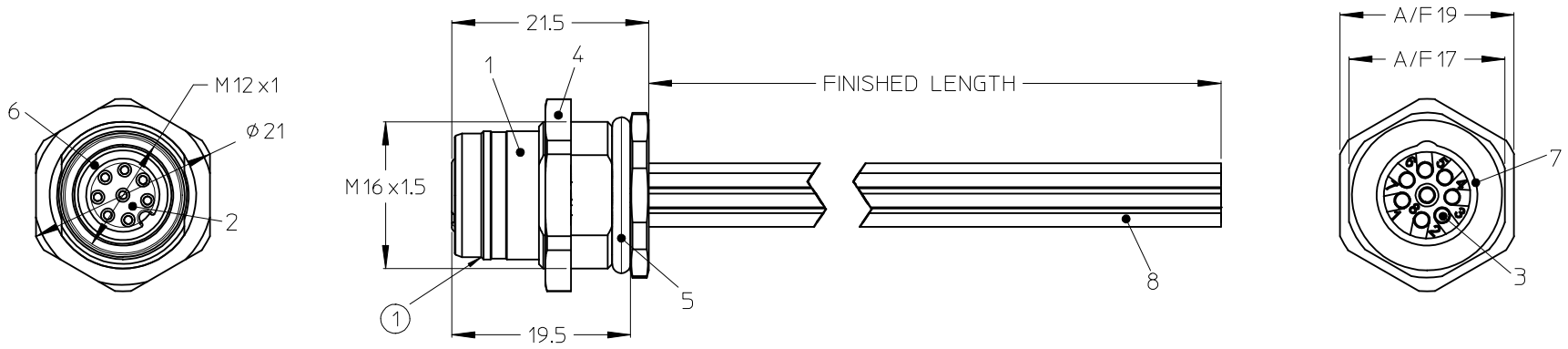
PRODUCT CUSTOMER DRAWING

THIRD ANGLE PROJECTION	DRAWING	SERIES
	A3-SIZE	120084

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1200848135	PSD	000	A5

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE PART LIST	GENERAL MARKET	2 OF 2

FORMAT: master-lb-prod-A3
REVISION: J
DATE: 2020/01/14



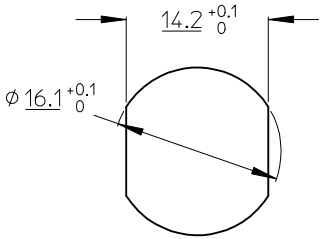
PART LIST:

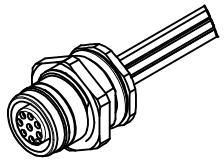
ITEM	COMPONENT	MATRIAL	FINISH
1	REC SHELL	BRASS	NICKEL PLATED
2	INSERT	PUR	BLACK
3	CONTACT	BRASS / GOLD	CuZn Ni/ Au
4	M16 NUT	BRASS	NICKEL PLATED
5	O-RING	NBR	BLACK
6	O-RING	VITON	RED
7	POTTING MATERIAL	WEVO	NONE
8	WIRES	COPPER/PVC	NONE

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





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

Technical characteristic

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

ADDED NEW P/N's
EC NO: IPG2015-1553 2015/03/03
DRWN:BBRAUCH 2015/03/06
CH'KD:RSILLER 2015/03/06
APPR:RSILLER 2015/03/06
DESCRIPTION
REV
4

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 ±---°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 2:1
DESIGN UNITS: METRIC
FIRST ANGLE PROJECTION

DRAWN BY: NSTAUDIGEL DATE: 2010/01/28
CHECKED BY: NSTAUDIGEL DATE: 2010/01/28
APPROVED BY: FPACHER DATE: 2010/02/01

TITLE: REC M12 8P AC FE STR PVC XM M16 BM UNSH

molex

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-120084-021
SHEET NO.: 1 OF 1
SIZE: A3

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