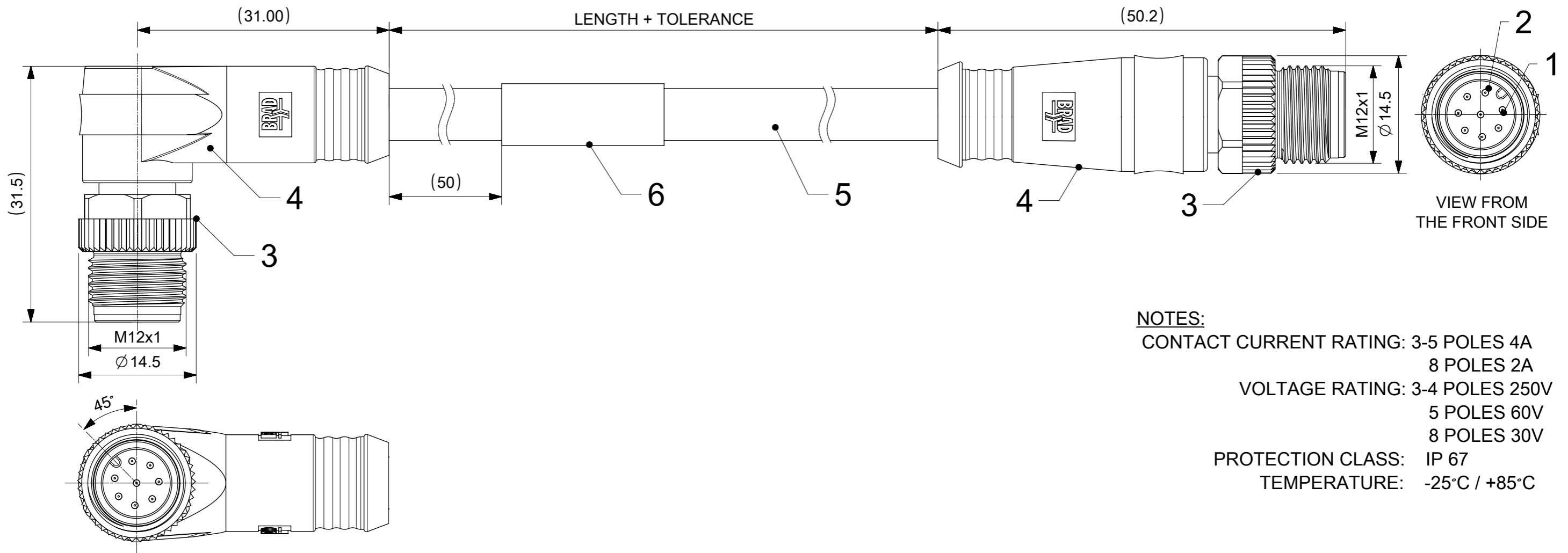


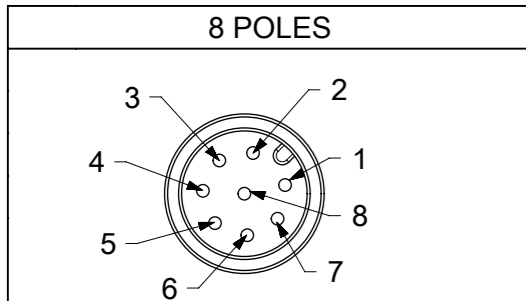
# MALE PLUG M12 RIGHTANGLE TO MALE PLUG M12 STRAIGHT



**NOTES:**

CONTACT CURRENT RATING: 3-5 POLES 4A  
 8 POLES 2A  
 VOLTAGE RATING: 3-4 POLES 250V  
 5 POLES 60V  
 8 POLES 30V  
 PROTECTION CLASS: IP 67  
 TEMPERATURE: -25°C / +85°C

**CONTACT POSITION FRONT VIEW:**



PIN	WIRE
1	WHITE
2	BROWN
3	GREEN
4	YELLOW
5	GREY
6	PINK
7	BLUE
8	RED

CODING REQUIRED TO IEC 61076-2-101

**FOR OPTIONS SEE - NUMERICAL CODE - ON SHEET 2**

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
6	1	LABEL YELLOW	VINYL	---
5	-	CABLE	SEE SHEET 2	---
4	-	OVERMOULDING BLACK	TPU	-
3	2	COUPLING NUT MALE	BRASS	NICKEL
2	2	INSERT MALE BLACK	PUR	---
1	16	CONTACT M12 MALE	BRASS	SELECTIVE GOLD OVER NICKEL

<b>QUALITY SYMBOLS</b> FA = 0 FE = 0 FF = 0 GV = 0 CH = 0 X = 0 BK = 0 VC = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		DIMENSION UNITS: mm SCALE: 2:1			
	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± °		DRWN BY: MMATLA DATE: 2017/10/25			CSE M12 8P AC MA STR TPU MA RA XM DE
	4 PLACES ± 3 PLACES ± 2 PLACES ± 1 PLACE ± 0 PLACES ±		CHK'D BY: MIWASIECZKO DATE: 2017/10/31			
	EC NO: 167260 DRWN: MMATLA CHK'D: MIWASIECZKO APPR: MIWASIECZKO		APPR BY: MIWASIECZKO DATE: 2017/10/31			PRODUCT CUSTOMER DRAWING
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE: A3 THIRD ANGLE PROJECTION		SERIES: 120066 MATERIAL NUMBER: SEE SHEET 2 CUSTOMER:		
RELEASE STATUS: P1 RELEASE DATE: 31.10.2017 07:47:41		DOCUMENT NUMBER: 1200669262 DOC TYPE: PSD DOC PART: 000 SHEET NUMBER: 1 OF 2				

ENGINEERING NO. - NUMERICAL CODE (Available parts see PART LIST table. Others on request).

888 062 XXXX X XXX

88=M12x2  
Double ended

Poles:  
8=8 Poles

Heads style:  
062=Plug Male 90° to Male  
Straight

Cable type: See Table

Units:  
M=Meter  
C=Centimeter  
T=10x Meter

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


CABLE INFORMATION (for more information see Cable Data Sheet).

CABLE TYPE	NO. OF WIRES	CROSS SECTION	CABLE JACKET	UL	CSA	STATIC: TEMP. / BENDING RADIUS	DYNAMIC: TEMP. / BENDING RADIUS	DRAG CHAIN	SHIELD
B30	3 / 4 / 5	0.34mm <sup>2</sup>	TPU BLACK	STYLE 21215	YES	-40°C to +90°C	-25°C to +80°C	5 MIO CYCLES	NO
B42	5	0.34mm <sup>2</sup>	TPU BLACK	STYLE 21215	YES	-40°C to +90°C	-25°C to +80°C	5 MIO CYCLES	NO
B41	8	0.25mm <sup>2</sup>	TPU BLACK	STYLE 21215	YES	-40°C to +90°C	-25°C to +80°C	5 MIO CYCLES	NO

Over	Up to and including	Tolerance
0	1000	+40 0
1000	5000	+60 0
5000	10000	+80 0
10000	20000	+140 0
20000	30000	+160 0
30000	>	+1% of length

PART LIST

PART NUMBER	ENGINEERING NUMBER	LENGTH [mm]
1200669262	888062B41M020	2000
1200669372	888062B41M015	1500

<p>QUALITY SYMBOLS</p> <p>FA = 0</p> <p>FE = 0</p> <p>FB = 0</p> <p>FV = 0</p> <p>FC = 0</p> <p>FX = 0</p> <p>FS = 0</p> <p>FV = 0</p>	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
	<p>2017/10/25</p> <p>2017/10/31</p> <p>EC NO: 167260</p> <p>DRWN: MMATLA</p> <p>CHK'D: MIWASIECZKO</p> <p>APPR: MIWASIECZKO</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE	 <p>CSE M12 8P AC MA STR TPU MA RA XM DE</p> <p>PRODUCT CUSTOMER DRAWING</p> <p>SERIES: 120066 MATERIAL NUMBER: SEE SHEET 2 CUSTOMER:</p> <p>DOCUMENT NUMBER: 1200669262 DOC TYPE: PSD DOC PART: 000 SHEET NUMBER: 2 OF 2</p>					
		ANGULAR TOL ± °		mm	1:1						
		4 PLACES ±	MMATLA 2017/10/25								
		3 PLACES ±	CHK'D BY DATE								
		2 PLACES ±	APPR BY DATE								
	1 PLACE ±	MIWASIECZKO 2017/10/31									
	0 PLACES ±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWING SIZE	THIRD ANGLE PROJECTION							
		A	A3	