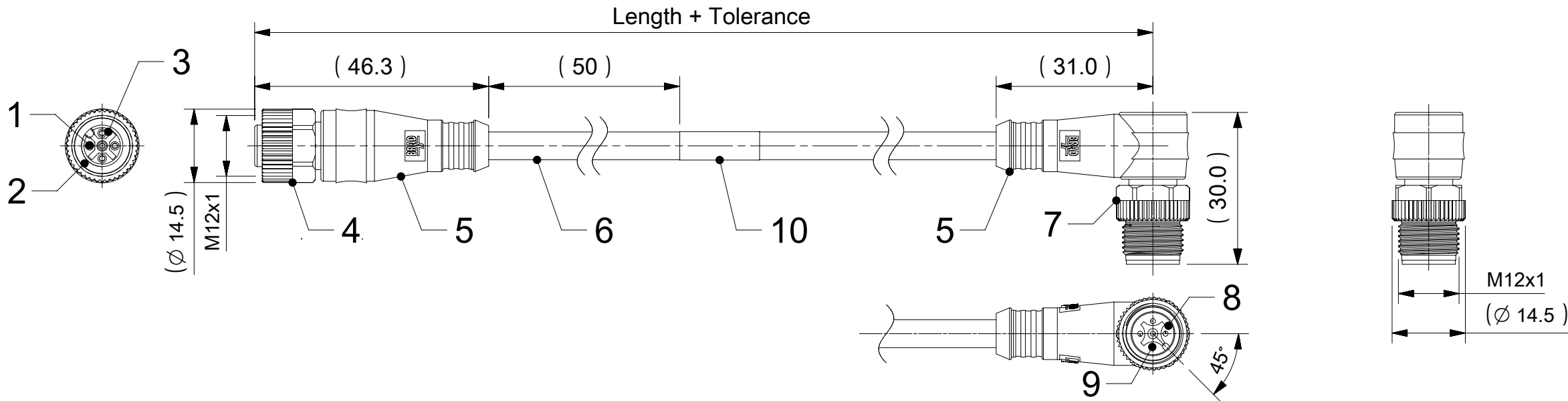


FEMALE PLUG M12 STRAIGHT TO MALE PLUG M12 90° ANGLED



NOTES:

RATED VOLTAGE: 3, 4 contacts 250V

5 contacts 60V

8 contacts 30V

RATED CURRENT: 3, 4, 5 contacts 4A

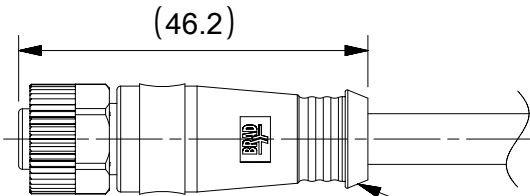
8 contacts 2A

PROTECTION CLASS: IP67 IN MATED AND LOCKED POSITION

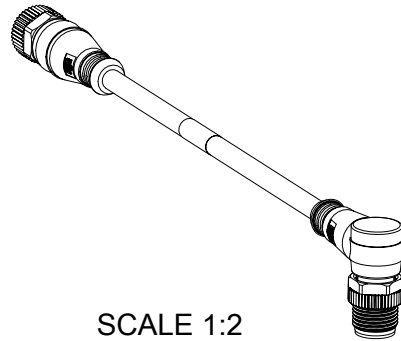
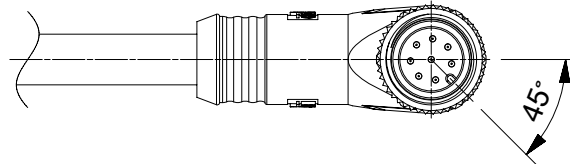
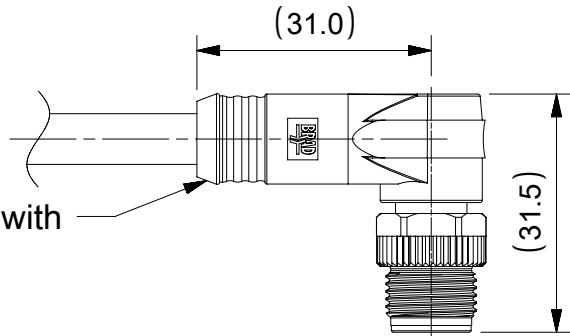
TEMPERATURE: -25°C / +85°C

INSULATION RESISTANCE: 10⁸ Ω MIN.

MATING CYCLES: MIN. 100



Thicker Overmold for Cables with bigger Outer Diameter



CONTACTS POSITION FRONT VIEW:

CABLE	3 CONTACTS		4 CONTACTS		5 CONTACTS		5 CONTACTS		8 CONTACTS	
	B30, B55		B30, B33, B36, B55		B30, B33, B36, B55		B42		B41, B49	
FEMALE										
MALE										
CONNECTIONS	PIN	WIRE	PIN	WIRE	PIN	WIRE	PIN	WIRE	PIN	WIRE
	1	BROWN	1	BROWN	1	BROWN	1	BROWN	1	WHITE
	2	---	2	WHITE	2	WHITE	2	WHITE	2	BROWN
	3	BLUE	3	BLUE	3	BLUE	3	BLUE	3	GREEN
	4	BLACK	4	BLACK	4	BLACK	4	BLACK	4	YELLOW
	5	---	5	---	5	GREY	5	GREEN/ YELLOW	5	GREY
									6	PINK
									7	BLUE
									8	RED

CODING REQUIRED TO IEC 61076-2-101

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FOR OPTIONS SEE - NUMERICAL CODE - ON SHEET 2

11	SEE PN MATRIX	I/D CARRIER	PVC	TRANSPARENT
10	1	LABEL YELLOW	VINYL	---
9	8	CONTACT M12 MALE	BRASS	SELECTIVE GOLD OVER NICKEL
	3 / 4 / 5		COPPER	
8	1	INSERT MALE BLACK	TPU	---
7	1	COUPLING NUT MALE SW13	BRASS	NICKEL
6	-	CABLE	SEE SHEET 2	---
5	-	OVERMOULDING BLACK	TPU	---
4	1	COUPLING NUT FEMALE SW13	BRASS	NICKEL
3	1	INSERT FEMALE BLACK	TPU	---
2	1	ORING RED	FPM	---
1	8	CONTACT M12 FEMALE	BRASS	SELECTIVE GOLD OVER NICKEL
	3 / 4 / 5		BRONZE	
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													
DIMENSION UNITS		SCALE		CURRENT REV DESC: CHANGED DIMENSIONINGSTYLE OF OVERALL LENGTH TO END TO END. UPDATED NOTES AND SORTED PART LIST USING CABLE TYPES ON SHEET 3. ADDED B41 P/N'S.						molex CSE M12 XP AC FE RA WSOR MA RA XM DE PRODUCT CUSTOMER DRAWING			
mm		1:1											
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 789428									
ANGULAR TOL ± 1.0°				DRWN: AKABADI		2023/03/11							
4 PLACES		±		CHK'D: RSILLER		2024/07/02							
3 PLACES		±		APPR: RSILLER		2024/07/02							
2 PLACES		± 0.05		INITIAL REVISION:				DOCUMENT NUMBER		DOC TYPE	DOC PART		
1 PLACE		± 0.3		DRWN: JMARSZALEK		2016/10/17		1200668920		PSD	000		
0 PLACES		± 0.5		APPR: RSILLER		2016/10/18				B			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER			
						A3-SIZE		120066		SEE PART LIST		CUSTOMER	
										GENERAL MARKET		SHEET NUMBER	
										1 OF 3			

F

1

1



1

D

D

C

CBA

10	9	8	7	6	5	4	3	2	1																				
PART LIST																													
MOLEX PNENGINEERING NoL [mm]			MOLEX PNENGINEERING NoL [mm]			MOLEX PNENGINEERING NoL [mm]																							
3P CABLE B30			4P CABLE B36			5P CABLE B42																							
1200668918	883032B30M006	600	1200669075	884032B36M0057Y	500	1200668930	885032B42M006	600																					
1200668919	883032B30M010	1000	1200669076	884032B36M0107Y	1000	1200668931	885032B42M010	1000																					
1200668920	883032B30M020	2000	1200669077	884032B36M0157Y	1500	1200668932	885032B42M020	2000																					
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4P CABLE B30			1200669081			4P CABLE B55																							
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1200668928	884032B30M050	5000	1200669086			1200669640	884032B55M100Y	10000																					
1200668929	884032B30M100	10000	1200669087			1200669641	884032B55M150Y	15000																					
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5P CABLE B30			5P CABLE B36			1200669695	885032B55M010Y	1000																					
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4P CABLE B33			1200669098																										
1200669889	884032B33M005A	500	1200669099																										
1200669627	884032B33M010A	1000	1200669100																										
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5P CABLE B33																													
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