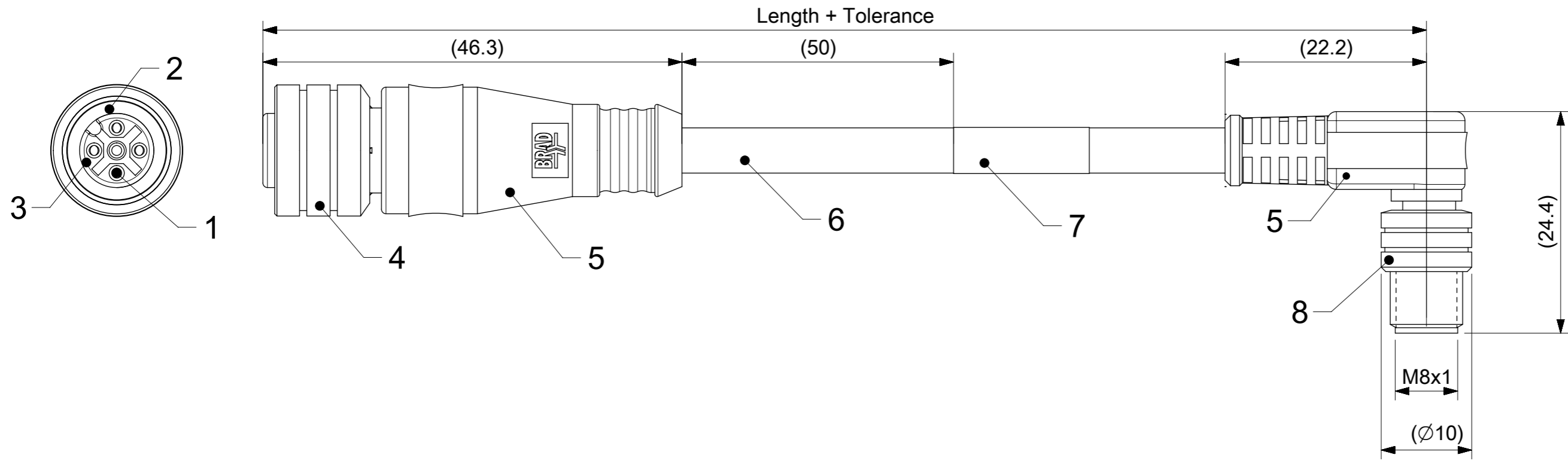
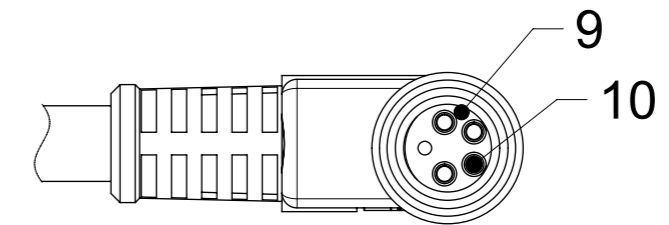


FEMALE PLUG M12 STRAIGHT TO MALE PLUG M8 90°

REVISION A1 UPDATED MEASUREMENT & FRONT VIEWS



NOTES:
 RATED VOLTAGE: 3 contacts 60V AC/DC
 4 and 5 contacts 30V AC/DC
 CURRENT RATING: 3, 4, 5 contacts 3A
 PROTECTION CLASS: IP 67
 TEMPERATURE: -25°C / +80°C



FOR OPTIONS SEE - NUMERICAL CODE - ON SHEET 2

CONTACTS POSITION FRONT VIEW:

	3 CONTACTS	4 CONTACTS	5 CONTACTS			
M8 - MALE						
M12 - FEMALE						
CONNECTIONS	PIN	WIRE	PIN	WIRE	PIN	WIRE
	1	BROWN	1	BROWN	1	BROWN
	3	BLUE	2	WHITE	2	WHITE
	4	BLACK	3	BLUE	3	BLUE
			4	BLACK	4	BLACK
			5	GREY	5	GREY

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
10	3 / 4 / 5	CONTACT M8 MALE	BRASS	SELECTIVE Au OVER Ni
9	1	INSERT MALE M8 BLACK	TPU	---
8	1	COUPLING NUT M8 MALE	BRASS	NICKEL
7	1	LABEL YELLOW	VINYL	---
6	-	CABLE	SEE SHEET 2	---
5	-	OVERMOULDING BLACK	TPU	---
4	1	COUPLING NUT M12 FEMALE	BRASS	NICKEL
3	1	INSERT FEMALE M12 BLACK	PUR	---
2	1	GASKET RED	FPM	---
1	3 / 4 / 5	CONTACT M12 FEMALE	BRASS	SELECTIVE Au OVER Ni

QUALITY SYMBOLS FA = 0 FE = 0 FB = 0 FC = 0 FD = 0 FE = 0 FF = 0 FG = 0 FH = 0 FI = 0 FJ = 0 FK = 0 FL = 0 FM = 0 FN = 0 FO = 0 FP = 0 FQ = 0 FR = 0 FS = 0 FT = 0 FU = 0 FV = 0 FW = 0 FX = 0 FY = 0 FZ = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		DIMENSION UNITS SCALE MM 2:1			
	EC NO: 113900 DRWN: AKONDRACIUK CHK'D: MIWASIECZKO APPR: MIWASIECZKO	2017/02/22 2017/02/27	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± °			DRWN BY DATE AKONDRACIUK 2017/02/18
		4 PLACES ± 3 PLACES ± 2 PLACES ± 1 PLACE ± 0 PLACES ±		CHK'D BY DATE MIWASIECZKO 2017/02/20		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR BY DATE MIWASIECZKO 2017/02/20		
A1		A3	THIRD ANGLE PROJECTION		PRODUCT CUSTOMER DRAWING	
RELEASE STATUS P1 RELEASE DATE 27.02.2017 08:20:42		SERIES MATERIAL NUMBER CUSTOMER 120066 SEE SHEET 3 GENERAL MARKET		DOCUMENT NUMBER DOC TYPE DOC PART SHEET NUMBER 1200669202 PSD 000 1 OF 3		

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

OPTIONS

8 4 X 0 3 2 X X X X X X X X

48=Nano-Change
M8x1 to
Micro-Change
M12x1

Poles:
3=3 Poles
4=4 Poles
5=5 Poles

Heads style:
030=Plug Female Straight
to Plug Male Straight

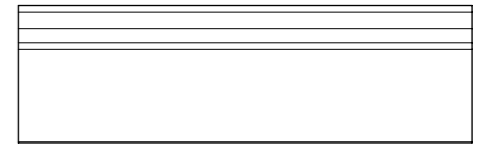
Cable type: See Table

Units:
M=Meter

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

Overmold color:
Blank (Standard)=Black

H= 2 pcs. of
I/D Carrier PVC Transparent



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
E02	3 / 4 / 5	0.25mm ²	PVC Black	UL 2464/1729	C22.2 I/II A/B 80°/300V	-30°C to +80°C 10xO.D.	-10°C to +80°C 15xO.D.	-	-
P02	3 / 4 / 5	0.25mm ²	PUR/PVC BLACK	-	-	-30°C to +80°C 7xO.D.	-5°C to +80°C 15xO.D.	-	-

Over	Up to and including	Tolerance
0	305	+19
305	915	+45
915	1830	+56
1830	3660	+89
3660	7320	+165
7320	14640	+317
14640	30500	+610
30500	>	+2% of length

RELEASE STATUS | P1 | RELEASE DATE | 27.02.2017 08:20:42

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QUALITY SYMBOLS FA = 0 FE = 0 FP = 0 FV = 0 FC = 0 FX = 0 FS = 0 FT = 0	EC NO.: 113900 DRWN: AKONDRACIUK CHK'D: MIWASIECZKO APPR: MIWASIECZKO	2017/02/22 2017/02/27	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE			
			ANGULAR TOL ± °		MM	2:1			
			4 PLACES ±		DRWN BY	DATE	CSE M12 M8 XP AC FE STR X MA RA XM		
			3 PLACES ±		AKONDRACIUK	2017/02/18			
			2 PLACES ±		CHK'D BY	DATE	PRODUCT CUSTOMER DRAWING		
1 PLACE ±		MIWASIECZKO	2017/02/20						
0 PLACES ±		APPR BY	DATE	SERIES	MATERIAL NUMBER	CUSTOMER			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE	THIRD ANGLE PROJECTION	120066	SEE SHEET 3	GENERAL MARKET			
		A3		DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER		
				1200669202	PSD	000	2 OF 3		

PART LIST

No	Part No	Engineering No	Cable Length
1	1200668457	843032E02M002G	0.2m
2	1200668458	843032E02M003	0.3m
3	1200668459	843032E02M006	0.6m
4	1200668460	843032E02M020	2m
5	1200668461	843032E02M050	5m
6	1200668462	843032P02M006	0.6m
7	1200668463	843032P02M010	1m
8	1200668464	843032P02M020	2m
9	1200668546	844032E02M200	20m
10	1200669202	844032P02M006	0.6m
11			
12			
13			
14			
15			
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QUALITY SYMBOLS 	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
	EC NO: 113900 DRWN: AKONDRACIUK CHK'D: MIWASIECZKO	2017/02/22 2017/02/27	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE				
			ANGULAR TOL ± °		MM	2:1				
			4 PLACES ±		DRWN BY	DATE	CSE M12 M8 XP AC FE STR X MA RA XM			
			3 PLACES ±		AKONDRACIUK	2017/02/18				
			2 PLACES ±		CHK'D BY	DATE				
	1 PLACE ±		APPR BY	DATE	PRODUCT CUSTOMER DRAWING					
	0 PLACES ±		MIWASIECZKO	2017/02/20	SERIES	MATERIAL NUMBER	CUSTOMER			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE	THIRD ANGLE PROJECTION	120066	SEE PART LIST	GENERAL MARKET			
			A3		DOCUMENT NUMBER		DOC TYPE	DOC PART	SHEET NUMBER	
				1200669202		PSD	000	3 OF 3		