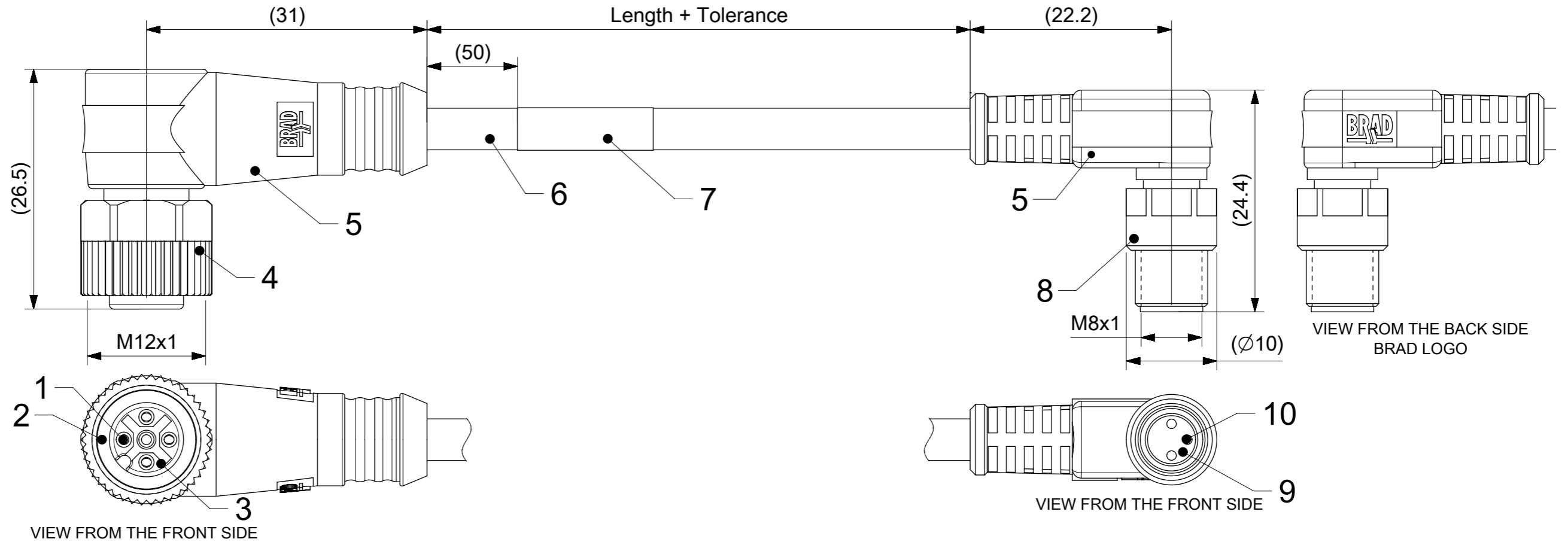


FEMALE PLUG M12 90° TO MALE PLUG M8 90°

REVISION A1 ADDED VIEW FROM BACK SIDE FOR M8 - BRAD LOGO



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
 LABEL - SEE WN-00002

CONTACTS POSITION FRONT VIEW:

	3 CONTACTS	4 CONTACTS	5 CONTACTS
M8 - MALE			
M12 - FEMALE			
CONNECTIONS	PIN	PIN	PIN
	WIRE	WIRE	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	
CODING M8 ACCORDING TO IEC 61076-2-104			
CODING M12 ACCORDING TO IEC IEC 61076-2-101			

FOR OPTIONS SEE - NUMERICAL CODE - ON SHEET 2

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 FV = 0 FC = 0 FX = 0 FS = 0 FT = 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		 CSE M12 M8 XP AC FE RA XP MA RA XM WSOR PRODUCT CUSTOMER DRAWING	
	EC NO: 115927 DRWN: AKONDRACIUK CHK'D: MIWASIECZKO	2017/04/19 2017/04/20	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± °	DRWN BY: AKONDRACIUK DATE: 2017/02/24		APPR BY: MIWASIECZKO DATE: 2017/03/13
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE: A3 THIRD ANGLE PROJECTION	SERIES: 120066 MATERIAL NUMBER: SEE SHEET 3 CUSTOMER: GENERAL MARKET		
	RELEASE STATUS: P1 RELEASE DATE: 20.04.2017 06:44:28		DOCUMENT NUMBER: 1200669320 DOC TYPE: PSD DOC PART: 000 SHEET NUMBER: 1 OF 3			

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

OPTIONS

8 4 X 0 3 3 B 4 1 X X X X X

84=Nano-Change
M12x1
M8x1 to
Micro-Change

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

Heads style:
033=Plug Female 90
to Plug Male 90

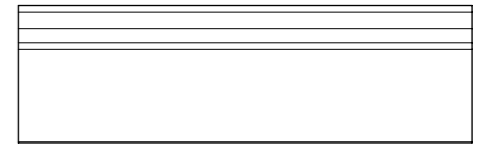
Cable type: See Table

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	CABLE PRODUCT SPECIFICATION	CABLE SPEC. DRAWING
B41	3 / 4 / 5	0.25mm ²	TPU Black	UL 21215/758	C22.2 I/II A/B 80°/600V	-40°C to +90°C 5xO.D.	-25°C to +80°C 7.5xO.D.	5 mio cycles at temp. 20°C	1552200001	SD-120209-001

TABLE OF LENGTH TOLERANCES

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

RELEASE STATUS P1 RELEASE DATE 20.04.2017 06:44:28

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QUALITY SYMBOLS FA = 0 FE = 0 FP = 0 FV = 0 FC = 0 FX = 0 FS = 0 FT = 0	EC NO: 115927 DRWN: AKONDRACIUK CHK'D: MIWASIECZKO APPR: MIWASIECZKO	2017/04/19 2017/04/20	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE						
			ANGULAR TOL ± °		MM	2:1						
			4 PLACES ±	DRWN BY		DATE		CSE M12 M8 XP AC FE RA XP MA RA XM WSOR				
			3 PLACES ±	AKONDRACIUK		2017/02/24						
			2 PLACES ±	CHK'D BY		DATE		PRODUCT CUSTOMER DRAWING				
1 PLACE ±	MIWASIECZKO		2017/03/13									
0 PLACES ±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE	THIRD ANGLE PROJECTION	SERIES	MATERIAL NUMBER	CUSTOMER					
			A3		120066	SEE SHEET 3	GENERAL MARKET					
					DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER				
					1200669320	PSD	000	2 OF 3				

PART LIST

No	Part No	Engineering No	Cable Length
1	1200669320	843033B41M006	
2	1200669321	843033B41M010	
3	1200669322	843033B41M020	
4	1200669323	843033B41M030	
5	1200669324	843033B41M040	
6	1200669325	843033B41M050	
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QUALITY SYMBOLS 	EC NO: 115927 DRWN: AKONDRACIUK CHK'D: MIWASIECZKO APPR: MIWASIECZKO	2017/04/19 2017/04/20	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION UNITS	SCALE								
			ANGULAR TOL ± °			MM	2:1								
			4 PLACES ±	AKONDRACIUK		DATE		CSE M12 M8 XP AC FE RA XP MA RA XM WSOR							
			3 PLACES ±	2017/02/24		CHK'D BY									
			2 PLACES ±	MIWASIECZKO		DATE		PRODUCT CUSTOMER DRAWING							
			1 PLACE ±	2017/03/13		APPR BY									
			0 PLACES ±	DRAWING SIZE		THIRD ANGLE PROJECTION		SERIES	MATERIAL NUMBER	CUSTOMER					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			A3			120066	SEE PART LIST	GENERAL MARKET				
									DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER			
									1200669320	PSD	000	3 OF 3			