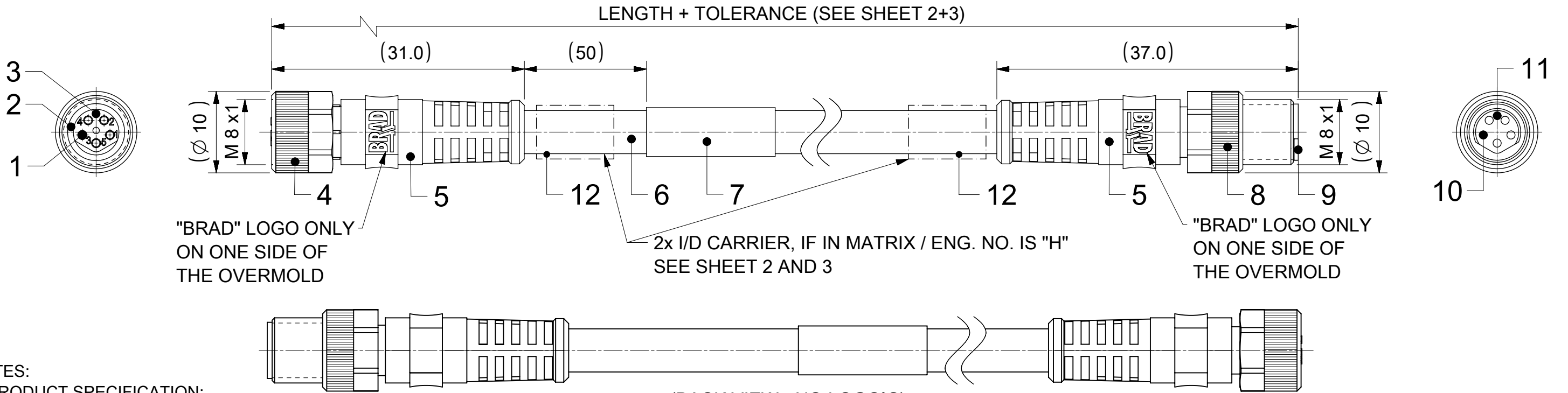


FEMALE PLUG M8 STRAIGHT TO MALE PLUG M8 STRAIGHT WSOR CABLES



NOTES:

- PRODUCT SPECIFICATION:
 - 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
- PACKAGING: THE CORDSETS ARE PACKED IN PLASTIC BAGS AND DELIVERED IN CARTON BOXES
- SAFETY: INSTALLATION, MOUNTING, AND MAINTENANCE OF THE PRODUCT MAY ONLY BE CARRIED OUT BY A QUALIFIED ELECTRICIAN
- INSULATION RESISTANCE: 10⁸ Ω MIN.
- MATING CYCLES: MAX. 100
- PACKAGING ACCORDING TO PACKAGING SPEC. 1201202000

CONTACTS POSITION FRONT VIEW:

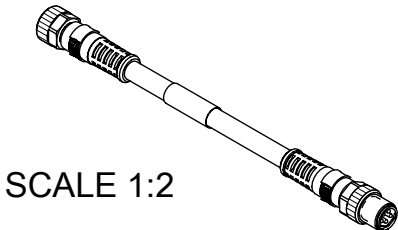
	3 CONTACTS		4 CONTACTS		5 CONTACTS	
FEMALE						
MALE						
CONNECTIONS	PIN	WIRE	PIN	WIRE	PIN	WIRE
	1	BROWN	1	BROWN	1	BROWN
	3	BLUE	2	WHITE	2	WHITE
	4	BLACK	3	BLUE	3	BLUE
			4	BLACK	4	BLACK
					5	GREY

CODING ACCORDING TO IEC 61076-2-104

DOCUMENT STATUS	P1	RELEASE DATE	2024/07/02	09:18:37
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FOR OPTIONS SEE - NUMERICAL CODE - ON SHEET 2

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH/COLOR
1	3 / 4 / 5	CONTACT M8 FEMALE	BRONZE	SELECTIVE Au OVER Ni
2	1	O-RING	FKM	RED
3	1	INSERT FEMALE	TPU	BLACK
4	1	COUPLING NUT M8 FEMALE SW9	BRASS	NICKEL
5	-	OVERMOLD	TPU	SEE PART MATRIX
6	-	CABLE	SEE SHEET 2	---
7	1	LABEL	VINYL	YELLOW
8	1	COUPLING NUT M8 MALE SW9	BRASS	NICKEL
9	1	SLEEVE	BRASS	NICKEL
10	3 / 4 / 5	CONTACT M8 MALE	Cu-ALLOY	SELECTIVE Au OVER Ni
11	1	INSERT MALE	TPU	BLACK
12	2	I/D CARRIER	PVC	---



SCALE 1:2

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SCALE	CURRENT REV DESC: AS PER THE PCN-513749 CHANGED DIMENSIONING STYLE OF OVERALL LENGTH TO "END TO END". ADDED NOTES 4 & 5. SORTED PART LIST USING CABLE TYPES ON SHEET 3, PACKAGING SPEC ADDED	molex		
$\nabla A = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)	mm	2:1	CSE M8 M8 XP AC BC FE STR WSOR MA STR XM		
$\nabla E = 0$	ANGULAR TOL	±	1.0°	PRODUCT CUSTOMER DRAWING		
$\nabla F = 0$	4 PLACES	±		DOCUMENT NUMBER		
DIVISIONAL SYMBOLS	3 PLACES	±		1200878716		
	2 PLACES	±	0.05	DOC TYPE		
	1 PLACE	±	0.3	PSD		
	0 PLACES	±	0.5	DOC PART		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			000		
	THIRD ANGLE PROJECTION			B		
	DRAWING			SHEET NUMBER		
	SERIES			1 OF 3		
	MATERIAL NUMBER					
	CUSTOMER					

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

OPTIONS

44X030BX XXXXX

44=Nano-Change
M8x1
Double ended

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

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

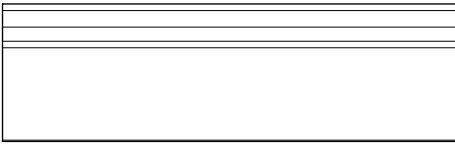
Cable type: See Table

Units:
M=Meter
C=Centimeter

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

Overmold color:
Blank (Standard)=Black
Y = Yellow

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: TEMP. / BENDING RADIUS	DRAG CHAIN	CABLE PRODUCT SPECIFICATION	CABLE SPEC. DRAWING
B41	3 / 4 / 5	0.25mm²	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°C to +60°C 7.5xO.D.	up to 5 000 000 cycles at temp 20°C	1552200001	SD-120209-001
B55	3 / 4	0.34mm²	TPU Yellow								n/a

CABLE LENGTH TOLERANCES

LENGTH	TOLERANCE
0m-1m	+40 mm
>1m-5m	+60 mm
>5m-10m	+80 mm
>10m-20m	+140 mm
>20m-30m	+160 mm
>30m	+1% length

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIVISIONAL SYMBOLS	FA= 0	DIMENSION UNITS	SCALE	CURRENT REV DESC: AS PER THE PCN-513749 CHANGED DIMENSIONING STYLE OF OVERALL LENGTH TO "END TO END". ADDED NOTES 4 & 5. SORTED PART LIST USING CABLE TYPES ON SHEET 3, PACKAGING SPEC ADDED						
	FE= 0	mm	2:1							
	FE= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)								
		ANGULAR TOL	± 1.0 °	EC NO: 789428 DRWN: AKABADI CHK'D: RSILLER APPR: RSILLER						
		4 PLACES	±							
		3 PLACES	±	INITIAL REVISION: DRWN: JMARSZALEK APPR: RSILLER						
		2 PLACES	± 0.05							
DIVISIONAL SYMBOLS		1 PLACE	± 0.3	2023/08/24 2024/07/02 2024/07/02						
		0 PLACES	± 0.5							
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		2016/09/13 2018/12/10	DOCUMENT NUMBER		DOC TYPE		DOC PART	REVISION
		THIRD ANGLE PROJECTION	DRAWING	SERIES	1200878716		PSD		000	B
			A3-SIZE	120087	SEE PART LIST		GENERAL MARKET		2 OF 3	

DOCUMENT STATUS	P1	RELEASE DATE	2024/07/02	09:18:37
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	10	9	8	7	6	5	4	3	2	1	
F	PART LIST										F
	MOLEX PN.	ENGINEERING NO.	L [MM]	MOLEX PN.	ENGINEERING NO.	L [MM]					
	3P CABLE B41			5P CABLE B41							
	1200878854	443030B41M005H	500	1200878715	445030B41M006	600					
	1200878703	443030B41M006	600	1200878716	445030B41M010	1000					
	1200878704	443030B41M010	1000	1200878717	445030B41M020	2000					
	1200878855	443030B41M010H	1000	1200878718	445030B41M030	3000					
	1200878956	443030B41M015	1500	1200878719	445030B41M050	5000					
	1200878705	443030B41M020	2000	1200878720	445030B41M100	10000					
	E	1200878856	443030B41M020H	2000	4P CABLE B55			E			
1200879039	443030B41M025	2500	1200878920	444030B55M020Y	2000						
1200878706	443030B41M030	3000	1200878921	444030B55M050Y	5000						
1200878857	443030B41M030H	3000									
1200878974	443030B41M040	4000									
1200878707	443030B41M050	5000									
1200878858	443030B41M050H	5000									
1200878976	443030B41M060	6000									
1200878975	443030B41M070	7000									
1200878977	443030B41M080	8000									
1200878708	443030B41M100	10000									
1200878859	443030B41M100H	10000									
1200878973	443030B41M150	15000									
1200878860	443030B41M150H	15000									
1200878907	443030B41M200H	20000									
1200878908	443030B41M250H	25000									
C	4P CABLE B41						C				
1200878972	444030B41M003	300									
1200878905	444030B41M005H	500									
1200878709	444030B41M006	600									
1200878710	444030B41M010	1000									
1200878711	444030B41M020	2000									
1200878712	444030B41M030	3000									
1200879040	444030B41M040	4000									
1200878713	444030B41M050	5000									
1200879041	444030B41M080	8000									
B	1200878714	444030B41M100	10000				B				
A								A			
</											