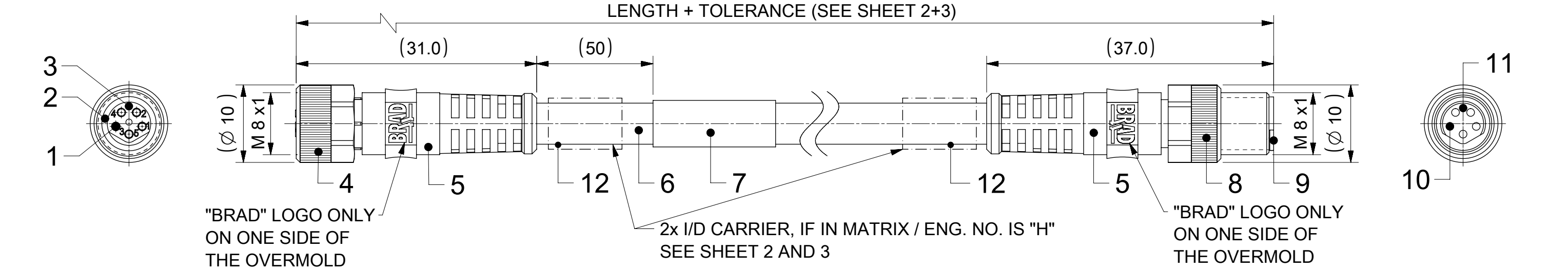


FEMALE PLUG M8 STRAIGHT TO MALE PLUG M8 STRAIGHT WSOR CABLES



- 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

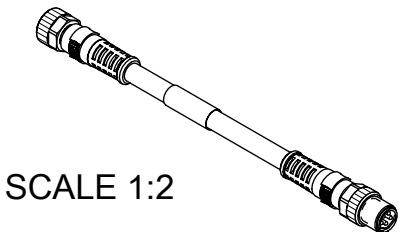
(BACK VIEW - NO LOGO'S)

CONTACTS POSITION FRONT VIEW:						
FEMALE	3 CONTACTS		4 CONTACTS		5 CONTACTS	
MALE	3 CONTACTS		4 CONTACTS		5 CONTACTS	
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		

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	---



FUNCTIONAL SYMBOLS									
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		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					
GENERAL TOLERANCES (UNLESS SPECIFIED)		ANGULAR TOL ± 1.0 °		CSE M8 M8 XP AC BC FE STR WSOR MA STR XM					
DIVISIONAL SYMBOLS		4 PLACES ±		PRODUCT CUSTOMER DRAWING					
3 PLACES ±		2 PLACES ± 0.05		DOCUMENT NUMBER					
1 PLACE ± 0.3		0 PLACES ± 0.5		1200878716					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		PSD 000 B					
DRAWING		SERIES		MATERIAL NUMBER					
A3-SIZE		120087		CUSTOMER					
SEE PART LIST		GENERAL MARKET		SHEET NUMBER					
				1 OF 3					

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

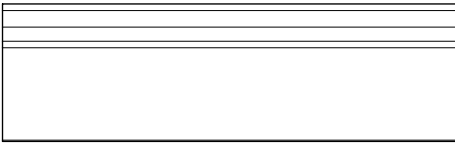
Cable type: See Table

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														
FA= 0 FE= 0 FE= 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					molex CSE M8 M8 XP AC BC FE STR WSOR MA STR XM					
	mm		2:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)														
DIVISIONAL SYMBOLS	ANGULAR TOL ± 1.0 °				EC NO: 789428 DRWN: AKABADI 2023/08/24 CHK'D: RSILLER 2024/07/02 APPR: RSILLER 2024/07/02					PRODUCT CUSTOMER DRAWING					
	4 PLACES ±														
	3 PLACES ±														
	2 PLACES ± 0.05		INITIAL REVISION: DRWN: JMARSZALEK 2016/09/13 APPR: RSILLER 2018/12/10					DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
	1 PLACE ± 0.3							1200878716		PSD		000		B	
	0 PLACES ± 0.5														
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
						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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