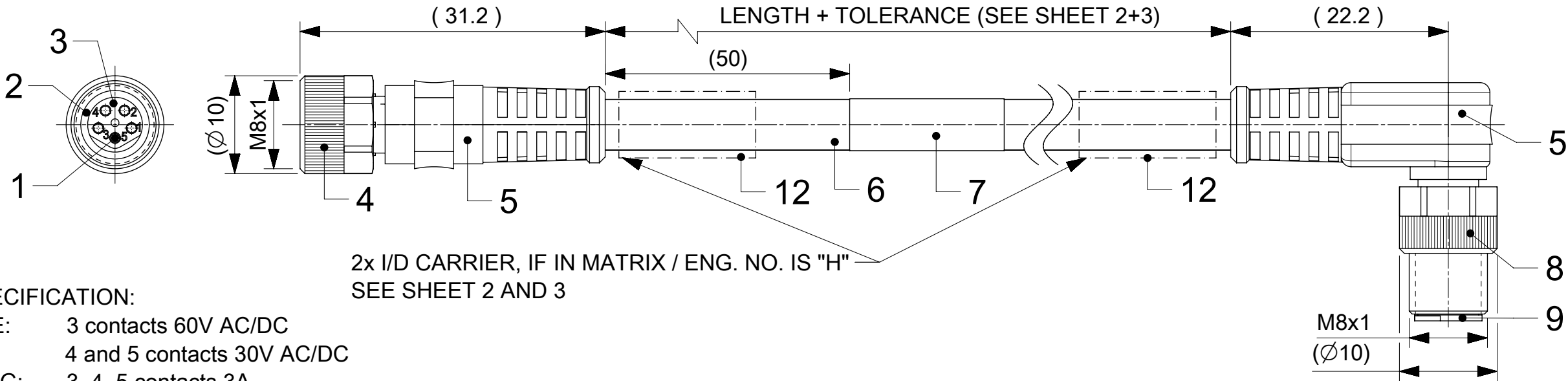
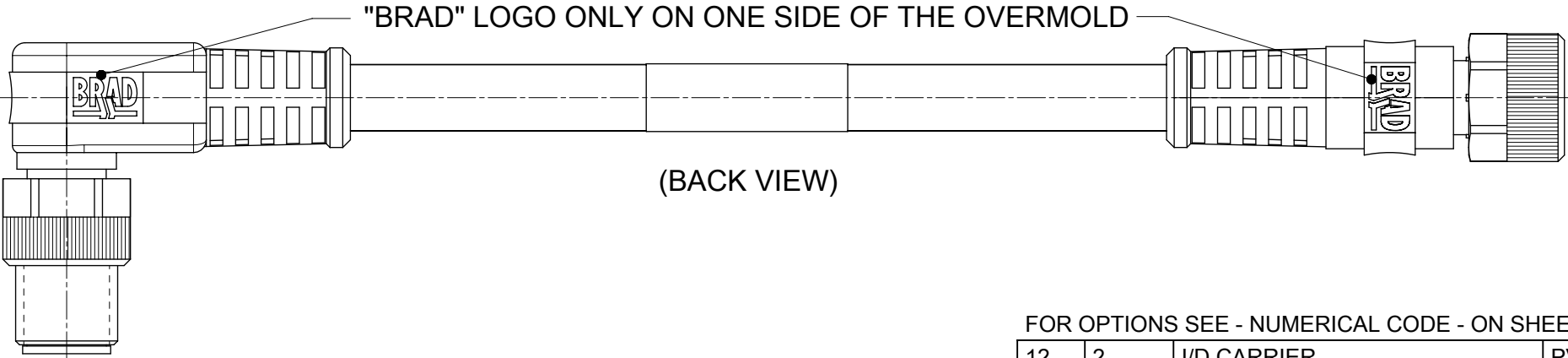


FEMALE PLUG M8 STRAIGHT TO MALE PLUG M8 90° ANGLED WSOR CABLES



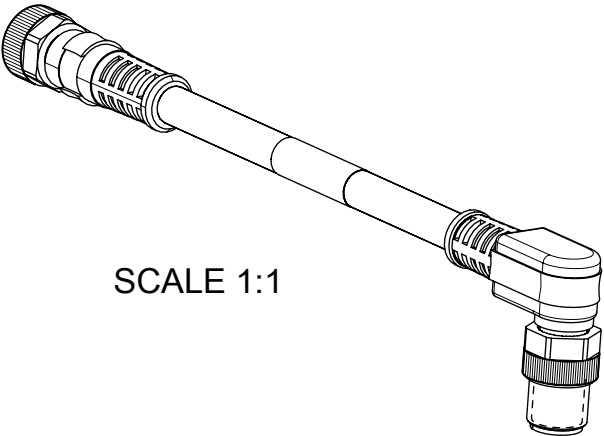
- NOTES:
1. PRODUCT SPECIFICATION:
- RATED VOLTAGE: 3 contacts 60V AC/DC
4 and 5 contacts 30V AC/DC
- CURRENT RATING: 3, 4, 5 contacts 3A
- PROTECTION CLASS: IP 67
- TEMPERATURE: -25°C / +80°C
2. PACKAGING: THE CORDSETS ARE PACKED IN PLASTIC BAGS AND DELIVERED IN CARTON BOXES
3. SAFETY: INSTALLATION, MOUNTING, AND MAINTENANCE OF THE PRODUCT MAY ONLY BE CARRIED OUT BY A QUALIFIED ELECTRICIAN



CONTACT POSITION FRONT VIEW:

		3 CONTACTS - AC		4 CONTACTS - AC		5 CONTACTS - BC	
		PIN	WIRE	PIN	WIRE	PIN	WIRE
FEMALE		1	BROWN	1	BROWN	1	BROWN
		3	BLUE	2	WHITE	2	WHITE
		4	BLACK	3	BLUE	3	BLUE
MALE				4	BLACK	4	BLACK
						5	GREY

SCALE 1:1



FOR OPTIONS SEE - NUMERICAL CODE - ON SHEET 2

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

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: NEW P/N'S ADDED			molex				
	mm		2:1									
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 687807 DRWN: RSCHIEBER 2021/12/06 CHK'D: RSILLER 2021/12/07 APPR: RSILLER 2021/12/07			CSE M8 M8 XP XC FE STR WSOR MA RA XM				
	ANGULAR TOL ± 1.0 °											
	4 PLACES		±									
	3 PLACES		±									
	2 PLACES		± 0.05									
	1 PLACE		± 0.3		INITIAL REVISION: DRWN: RSCHIEBER 2018/11/12 APPR: RSILLER 2018/12/10			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
	0 PLACES		± 0.5					1200878751		PSD	000	A2
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
		A3-SIZE	120087	SEE SHEET 3		GENERAL MARKET		1 OF 3				

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

OPTIONS

44X032BXBXBXBX

44=Nano-Change
M8x1
Double ended

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

Heads style:
032=Plug Female Straight
to Plug Male 90°

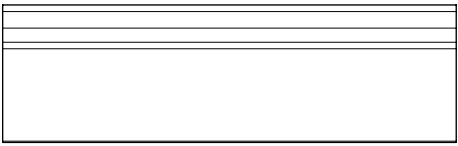
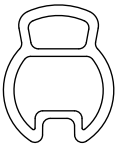
Cable type: See Table

Units:
M=Meter
C=Centimeter

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

Overmold color:
Blank (Standard)=Black

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

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

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																		
 = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: NEW P/N'S ADDED														
	mm		2:1																
 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)									EC NO: 687807 DRWN: RSCHIEBER 2021/12/06 CHK'D: RSILLER 2021/12/07 APPR: RSILLER 2021/12/07					CSE M8 M8 XP XC FE STR WSOR MA RA XM				
 = 0																			
 = 0	ANGULAR TOL ± 1.0 °				PRODUCT CUSTOMER DRAWING														
 = 0	4 PLACES ±																		
 = 0	3 PLACES ±									DOCUMENT NUMBER 1200878751					DOC TYPE PSD	DOC PART 000	REVISION A2		
 = 0	2 PLACES ± 0.05																		
 = 0	1 PLACE ± 0.3				INITIAL REVISION: DRWN: RSCHIEBER 2018/11/12 APPR: RSILLER 2018/12/10					SHEET NUMBER 2 OF 3									
 = 0	0 PLACES ± 0.5																		
 = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER						
 = 0							A3-SIZE		120087		SEE SHEET 3		GENERAL MARKET						

DOCUMENT STATUS	P1	RELEASE DATE	2021/12/07	06:44:49
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