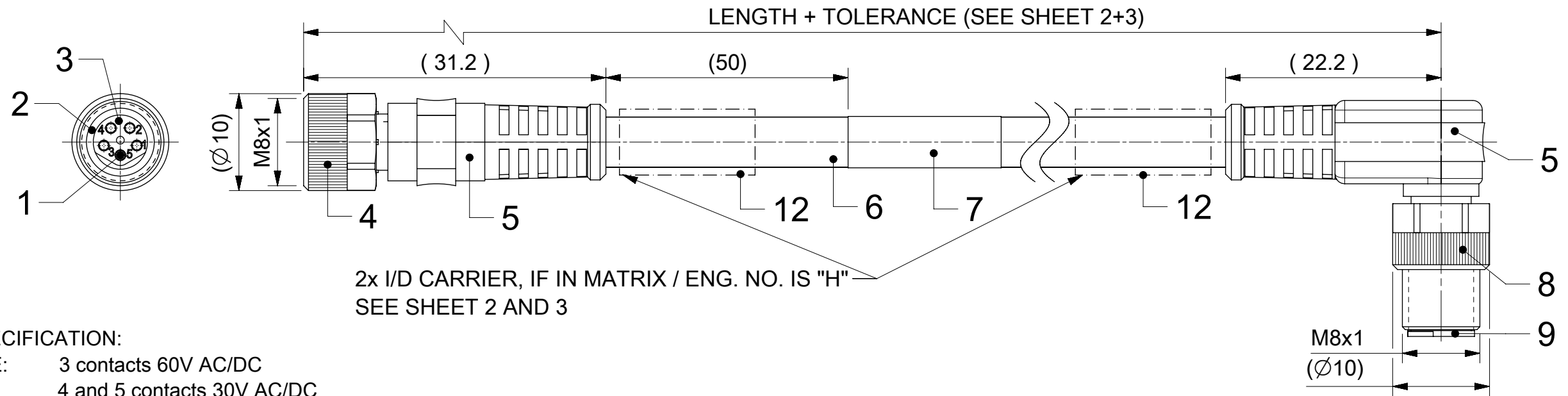


FEMALE PLUG M8 STRAIGHT TO MALE PLUG M8 90° ANGLED WSOR CABLES



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

4. INSULATION RESISTANCE: 10⁸ Ω MIN.

5. MATING CYCLES: MAX. 100

2x I/D CARRIER, IF IN MATRIX / ENG. NO. IS "H"
SEE SHEET 2 AND 3

"BRAD" LOGO ONLY ON ONE SIDE OF THE OVERMOLD

(BACK VIEW)

CONTACT POSITION FRONT VIEW:

	3 CONTACTS - AC		4 CONTACTS - AC		5 CONTACTS - BC	
FEMALE	1	1	1	1	1	1
	3	3	3	3	3	3
	4	4	4	4	4	4
MALE	1	1	1	1	1	1
	3	3	3	3	3	3
	4	4	4	4	4	4
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

SCALE 1:1

FOR OPTIONS SEE - NUMERICAL CODE - ON SHEET 2

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH / COLOR
1	3 / 4 / 5	CONTACT M8 FEMALE	Cu-ALLOY	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	BLACK
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	BRASS	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										
	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			molex			
F A = 0	mm		2:1								
F E = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)							CSE M8 M8 XP XC FE STR WSOR MA RA XM			
F E = 0	ANGULAR TOL ± 1.0°										
DIVISIONAL SYMBOLS	4 PLACES		±		EC NO: 789428 DRWN: AKABADI 2023/08/24 CHK'D: RSILLER 2024/07/02 APPR: RSILLER 2024/07/02			PRODUCT CUSTOMER DRAWING			
	3 PLACES		±								
	2 PLACES		± 0.05					DOCUMENT NUMBER 1200878751 DOC TYPE PSD DOC PART 000 REVISION B			
	1 PLACE		± 0.3								
	0 PLACES		± 0.5		SHEET NUMBER 1 OF 3						
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										
THIRD ANGLE PROJECTION				DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER	
				A3-SIZE		120087		SEE PART LIST		GENERAL MARKET	

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

OPTIONS

44X032BXBXBXBXBX

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°

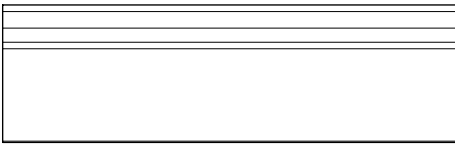
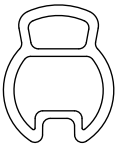
Cable type: See Table

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

FUNCTIONAL SYMBOLS

FA=

0

FE=

0

FE=

0

DIVISIONAL SYMBOLS

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DIMENSION UNITS

mm

SCALE

2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ± 1.0 °

4 PLACES ±

3 PLACES ±

2 PLACES ± 0.05

1 PLACE ± 0.3

0 PLACES ± 0.5

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

EC NO: 789428

DRWN: AKABADI

CHK'D: RSILLER

APPR: RSILLER

2023/08/24

2024/07/02

2024/07/02

INITIAL REVISION:

DRWN: RSCHIEBER

APPR: RSILLER

2018/11/12

2018/12/10

THIRD ANGLE PROJECTION

DRAWING

SERIES

120087

DOCUMENT NUMBER

1200878751

DOC TYPE

PSD

DOC PART

000

REVISION

B

MATERIAL NUMBER

SEE PART LIST

CUSTOMER

GENERAL MARKET

SHEET NUMBER

2 OF 3

A3-SIZE

120087

DOCUMENT STATUS

P1

RELEASE DATE

2024/07/02

09:18:40

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