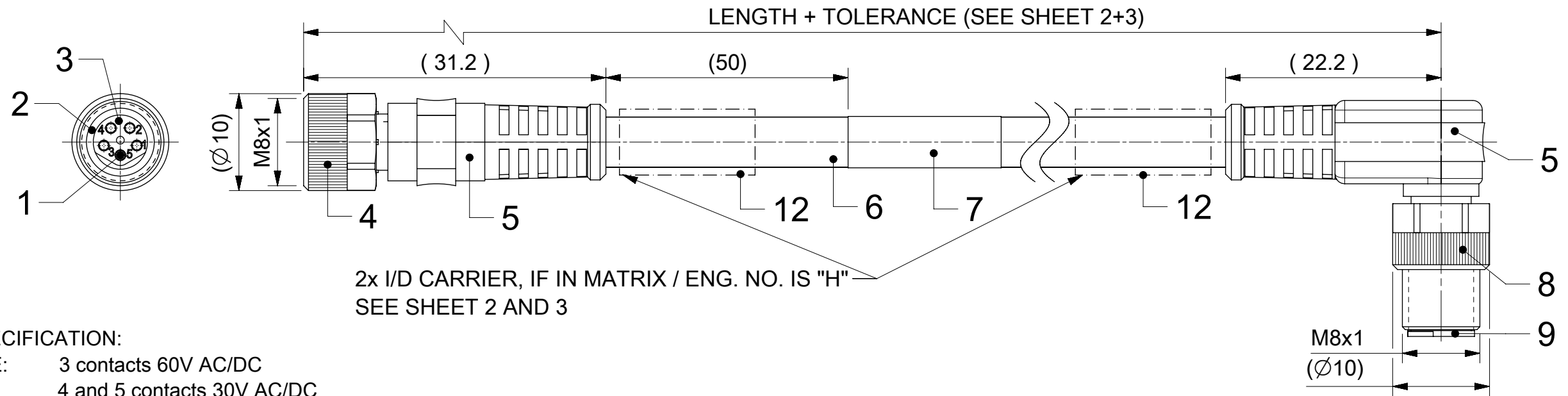


FEMALE PLUG M8 STRAIGHT TO MALE PLUG M8 90° ANGLED WSOR CABLES



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: 10<sup>8</sup> 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      |                 |       |                 |       |                 |       |
|             | 3               | 4     | 3               | 4     | 3               | 4     |
| MALE        |                 |       |                 |       |                 |       |
|             | 1               | 4     | 1               | 4     | 1               | 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  |

CODING ACCORDING TO IEC 61076-2-104

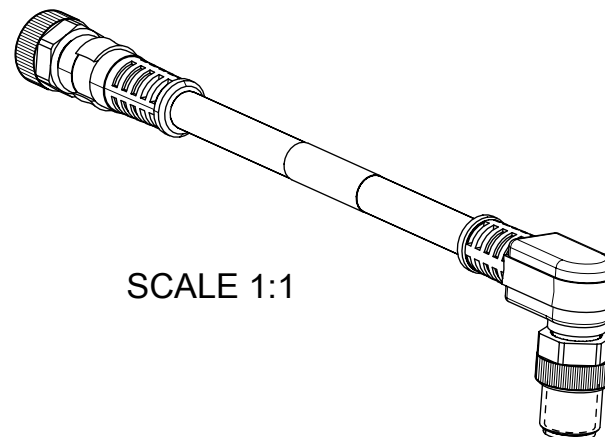
|                 |    |              |            |          |
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| DOCUMENT STATUS | P1 | RELEASE DATE | 2024/07/02 | 09:18:40 |
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FOR OPTIONS SEE - NUMERICAL CODE - ON SHEET 2

| ITEM | QTY.      | DESCRIPTION                | MATERIAL    | FINISH / COLOR       |
|------|-----------|----------------------------|-------------|----------------------|
| 1    | 3 / 4 / 5 | CONTACT M8 FEMALE          | 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<br>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION<br>DIVISIONAL SYMBOLS | SCALE<br>2:1                          | CURRENT REV DESC: AS PER THE PCN-513749<br>CHANGED DIMENSIONING STYLE OF OVERALL LENGTH TO "END TO END". ADDED NOTES 4 & 5.<br>SORTED PART LIST USING CABLE TYPES ON SHEET 3 |         |        | molex                                |                |              |
|                                                                                                                                                                                           | mm                                    |                                                                                                                                                                              |         |        |                                      |                |              |
|                                                                                                                                                                                           | GENERAL TOLERANCES (UNLESS SPECIFIED) | EC NO: 789428<br>DRWN: AKABADI<br>CHK'D: RSILLER<br>APPR: RSILLER                                                                                                            |         |        | CSE M8 M8 XP XC FE STR WSOR MA RA XM |                |              |
|                                                                                                                                                                                           | ANGULAR TOL ± 1.0 °                   | INITIAL REVISION:<br>DRWN: RSCHEIBER<br>APPR: RSILLER                                                                                                                        |         |        | PRODUCT CUSTOMER DRAWING             |                |              |
|                                                                                                                                                                                           | 4 PLACES ±                            | 2023/08/24                                                                                                                                                                   |         |        | DOCUMENT NUMBER                      |                |              |
| 3 PLACES ±                                                                                                                                                                                |                                       | 2024/07/02                                                                                                                                                                   |         |        | 1200878751                           |                |              |
| 2 PLACES ± 0.05                                                                                                                                                                           |                                       | 2024/07/02                                                                                                                                                                   |         |        | PSD 000 B                            |                |              |
| 1 PLACE ± 0.3                                                                                                                                                                             |                                       | 2018/11/12                                                                                                                                                                   |         |        | SHEET NUMBER                         |                |              |
| 0 PLACES ± 0.5                                                                                                                                                                            |                                       | 2018/12/10                                                                                                                                                                   |         |        | 1 OF 3                               |                |              |
| 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 | 1 OF 3       |

SCALE 1:1





[illegible]