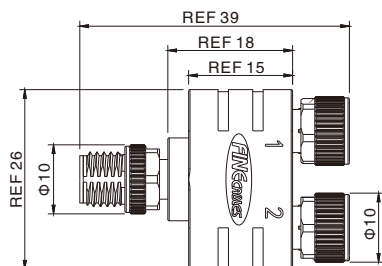


## M8 Y-Splitter, Male-2\*Female

- Connector series: M8
- Gender: Female & Male
- Coding: A,B
- Locking type: Fix screw
- Mounting type: Y-Type
- Part No.: MT-043~045



### General information

|                      |                               |
|----------------------|-------------------------------|
| Ambient temperature: | -20 °C ~ +80 °C               |
| Connector insert:    | PA+GF / TPU                   |
| Connector contacts:  | Brass with gold plated        |
| Connector screw/nut: | Zinc alloy with nickel plated |
| Innere mold:         | PP                            |
| Overmold:            | PVC                           |
| O-ring:              | FKM                           |

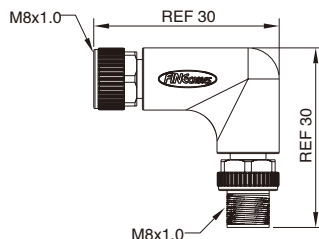
|                        |                          |
|------------------------|--------------------------|
| Insulation resistance: | ≥ 100MΩ                  |
| Contact resistance:    | ≤ 5mΩ                    |
| Shielding:             | Unavailable              |
| IP rating:             | IP67 in locked condition |
| Mating endurance:      | >500 cycles              |

### Electrical data & Mechanical data

| Contacts                  | Wire List | Rated current | Voltage |     | Part No. |
|---------------------------|-----------|---------------|---------|-----|----------|
|                           |           |               | A/C     | D/C |          |
| 03 pins<br>(A-coding)<br> |           | 3A            | 50V     | 60V | MT-043   |
| 04 pins<br>(A-coding)<br> |           | 3A            | 50V     | 60V | MT-044   |
| 05 pins<br>(B-coding)<br> |           | 3A            | 30V     | 30V | MT-045   |

## M8 L-Adapter, Male-Female

- Connector series: M8
- Gender: Female & Male
- Coding: A,B
- Locking type: Fix screw
- Mounting type: Right angled
- Part No.: MT-046~048



### General information

|                      |                               |
|----------------------|-------------------------------|
| Standard:            | IEC 61076-2-104               |
| Ambient temperature: | -20 °C ~ +80 °C               |
| Connector insert:    | TPU/PA                        |
| Connector contacts:  | Brass with gold plated        |
| Connector overmold:  | TPU                           |
| Connector nut/screw: | Zinc alloy with nickel plated |
| Seal/O-ring:         | FKM                           |

|                        |                          |
|------------------------|--------------------------|
| Insulation resistance: | ≥ 100MΩ                  |
| Contact resistance:    | ≤ 5mΩ                    |
| Shielding:             | Unavailable              |
| IP rating:             | IP67 in locked condition |
| Mating endurance:      | >500 cycles              |

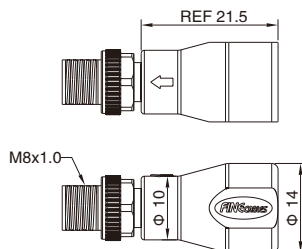
### Electrical data & Mechanical data

| Contacts                  | Wire List   | Rated current | Voltage |         | Part No. |         |   |         |   |         |     |         |        |     |        |     |        |
|---------------------------|---|---------------|---------|---------|----------|---------|---|---------|---|---------|-----|---------|--------|-----|--------|-----|--------|
|                           |   |               | A/C     | D/C     |          |         |   |         |   |         |     |         |        |     |        |     |        |
| 03 pins<br>(A-coding)<br> | <table border="0"> <tr> <td>Male</td> <td>Female</td> </tr> <tr> <td>1 _____</td> <td>1</td> </tr> <tr> <td>2 _____</td> <td>2</td> </tr> <tr> <td>3 _____</td> <td>3</td> </tr> </table>   | Male          | Female  | 1 _____ | 1        | 2 _____ | 2 | 3 _____ | 3 | 3A      | 50V | 60V     | MT-046 |     |        |     |        |
| Male                      | Female  |               |         |         |          |         |   |         |   |         |     |         |        |     |        |     |        |
| 1 _____                   | 1   |               |         |         |          |         |   |         |   |         |     |         |        |     |        |     |        |
| 2 _____                   | 2   |               |         |         |          |         |   |         |   |         |     |         |        |     |        |     |        |
| 3 _____                   | 3   |               |         |         |          |         |   |         |   |         |     |         |        |     |        |     |        |
| 04 pins<br>(A-coding)<br> | <table border="0"> <tr> <td>Male</td> <td>Female</td> </tr> <tr> <td>1 _____</td> <td>1</td> </tr> <tr> <td>2 _____</td> <td>2</td> </tr> <tr> <td>3 _____</td> <td>3</td> </tr> <tr> <td>4 _____</td> <td>4</td> </tr> </table>  | Male          | Female  | 1 _____ | 1        | 2 _____ | 2 | 3 _____ | 3 | 4 _____ | 4   | 3A      | 50V    | 60V | MT-047 |     |        |
| Male                      | Female  |               |         |         |          |         |   |         |   |         |     |         |        |     |        |     |        |
| 1 _____                   | 1   |               |         |         |          |         |   |         |   |         |     |         |        |     |        |     |        |
| 2 _____                   | 2   |               |         |         |          |         |   |         |   |         |     |         |        |     |        |     |        |
| 3 _____                   | 3   |               |         |         |          |         |   |         |   |         |     |         |        |     |        |     |        |
| 4 _____                   | 4   |               |         |         |          |         |   |         |   |         |     |         |        |     |        |     |        |
| 05 pins<br>(B-coding)<br> | <table border="0"> <tr> <td>Male</td> <td>Female</td> </tr> <tr> <td>1 _____</td> <td>1</td> </tr> <tr> <td>2 _____</td> <td>2</td> </tr> <tr> <td>3 _____</td> <td>3</td> </tr> <tr> <td>4 _____</td> <td>4</td> </tr> <tr> <td>5 _____</td> <td>5</td> </tr> </table> | Male          | Female  | 1 _____ | 1        | 2 _____ | 2 | 3 _____ | 3 | 4 _____ | 4   | 5 _____ | 5      | 3A  | 30V    | 30V | MT-048 |
| Male                      | Female  |               |         |         |          |         |   |         |   |         |     |         |        |     |        |     |        |
| 1 _____                   | 1   |               |         |         |          |         |   |         |   |         |     |         |        |     |        |     |        |
| 2 _____                   | 2   |               |         |         |          |         |   |         |   |         |     |         |        |     |        |     |        |
| 3 _____                   | 3   |               |         |         |          |         |   |         |   |         |     |         |        |     |        |     |        |
| 4 _____                   | 4   |               |         |         |          |         |   |         |   |         |     |         |        |     |        |     |        |
| 5 _____                   | 5   |               |         |         |          |         |   |         |   |         |     |         |        |     |        |     |        |

## M8 Male Terminator, Straight, with LED Indicator

- Connector series: M8
- Gender: Male
- Coding: A,B
- Locking type: Fix screw
- Mounting type: Straight
- Part No.: MA08M\*HD\*\*ST-LED

\* refers to coding type  
\*\* refers to pins number



### General information

|                      |                               |
|----------------------|-------------------------------|
| Ambient temperature: | -20 °C ~ +80 °C               |
| Connector insert:    | TPU + GF                      |
| Connector contacts:  | Brass with gold plated        |
| Connector overmold:  | Transparent TPU               |
| Coupling nut/screw:  | Zinc alloy with nickel plated |

|                        |                          |
|------------------------|--------------------------|
| Insulation resistance: | ≥ 100MΩ                  |
| Contact resistance:    | ≤ 5mΩ                    |
| Shielding:             | Unavailable              |
| IP rating:             | IP67 in locked condition |
| Mating endurance:      | >500 cycles              |

### Electrical data & Mechanical data

| Contacts |            | Rated current | Voltage |     | Part No.         |
|----------|------------|---------------|---------|-----|------------------|
|          |            |               | A/C     | D/C |                  |
| 03 pins  | (A-coding) | 3A            | 50V     | 60V | MA08MAHD03ST-LED |
| 04 pins  | (A-coding) | 3A            | 50V     | 60V | MA08MAHD04ST-LED |
| 05 pins  | (B-coding) | 3A            | 30V     | 30V | MA08MBHD05ST-LED |

### Remarks

- Please refer to Page 22 for products' part number encoding rule.