

2819189

<https://www.phoenixcontact.com/gb/products/2819189>

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Emergency-stop Y plug

Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 2819189       |
| Packing unit                         | 5 pc          |
| Minimum order quantity               | 5 pc          |
| Sales key                            | AF1GAB        |
| Product key                          | AF1GAB        |
| GTIN                                 | 4017918193157 |
| Weight per piece (including packing) | 29 g          |
| Weight per piece (excluding packing) | 26.1 g        |
| Customs tariff number                | 85366990      |
| Country of origin                    | PL            |

# IB L2-M ESTOP-ADAP 1/1 M12 - Y distributor



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## Technical data

### Notes

|         |                                                                                                                                                                                                                                            |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General | with center distance of 18 mm, suitable for molded connectors and unshielded connectors that can be assembled with QUICKON IDC terminal block connection technology and a connection range of 0.14 mm <sup>2</sup> to 0.34 mm <sup>2</sup> |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Product properties

|                      |               |
|----------------------|---------------|
| Product type         | Y-distributor |
| Number of positions  | 5             |
| No. of cable outlets | 2             |
| Shielded             | no            |
| Coding               | A             |
| Thread type          | M12           |

### Insulation characteristics

|                      |    |
|----------------------|----|
| Overvoltage category | II |
| Degree of pollution  | 3  |

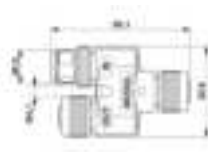
### Electrical properties

|                                |                    |
|--------------------------------|--------------------|
| Insulation resistance          | ≥ 10 GΩ            |
| Nominal voltage U <sub>N</sub> | 48 V AC<br>60 V DC |
| Nominal current I <sub>N</sub> | 4 A                |

### Signaling

|                        |    |
|------------------------|----|
| Status display         | no |
| Status display present | no |

### Dimensions

|                     |                                                                                      |
|---------------------|--------------------------------------------------------------------------------------|
| Dimensional drawing |  |
| Length              | 50.1 mm                                                                              |
| Center distance     | 18 mm                                                                                |

### Material specifications

|                                        |                                             |
|----------------------------------------|---------------------------------------------|
| Flammability rating according to UL 94 | HB                                          |
| Seal material                          | NBR                                         |
| Material of grip body                  | TPU, hardly inflammable, self-extinguishing |
| Contact material                       | CuZn                                        |
| Contact surface material               | Ni/Au                                       |

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|                               |                              |
|-------------------------------|------------------------------|
| Contact carrier material      | TPU GF                       |
| Material for screw connection | Zinc die-cast, nickel-plated |

## Connector

### Connection 1

|             |                     |
|-------------|---------------------|
| Type        | Socket straight M12 |
| Coding type | A                   |

### Connection 2

|             |                     |
|-------------|---------------------|
| Type        | Socket straight M12 |
| Coding type | A                   |

### Connection 3

|             |                   |
|-------------|-------------------|
| Type        | Plug straight M12 |
| Coding type | A                 |

## Mechanical properties

### Mechanical data

|                             |       |
|-----------------------------|-------|
| Insertion/withdrawal cycles | ≥ 100 |
|-----------------------------|-------|

## Environmental and real-life conditions

### Ambient conditions

|                                                                   |                                  |
|-------------------------------------------------------------------|----------------------------------|
| Degree of protection                                              | IP65                             |
|                                                                   | IP67                             |
| Ambient temperature (operation) (male connector/female connector) | -25 °C ... 90 °C (Plug / socket) |

## Standards and regulations

|                          |                 |
|--------------------------|-----------------|
| Standard designation     | M12 connector   |
| Standards/specifications | IEC 61076-2-101 |

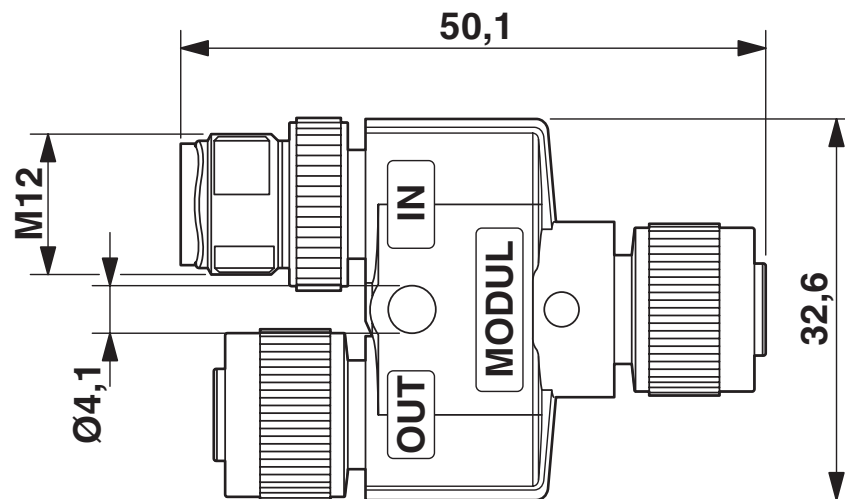
# IB L2-M ESTOP-ADAP 1/1 M12 - Y distributor

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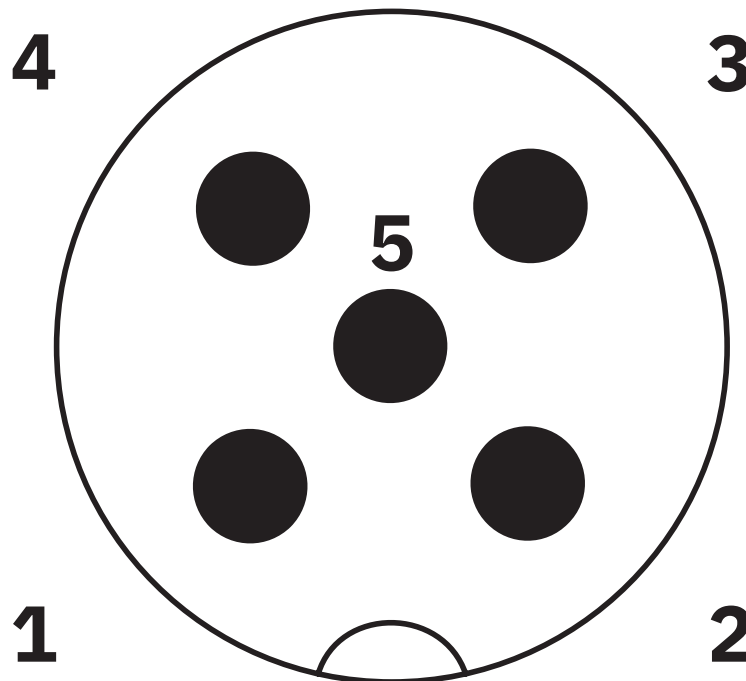
## Drawings

Dimensional drawing



Plug M12 x 1, Y distributor

Schematic diagram



Pin assignment M12 male connector, 5-pos., A-coded, male side

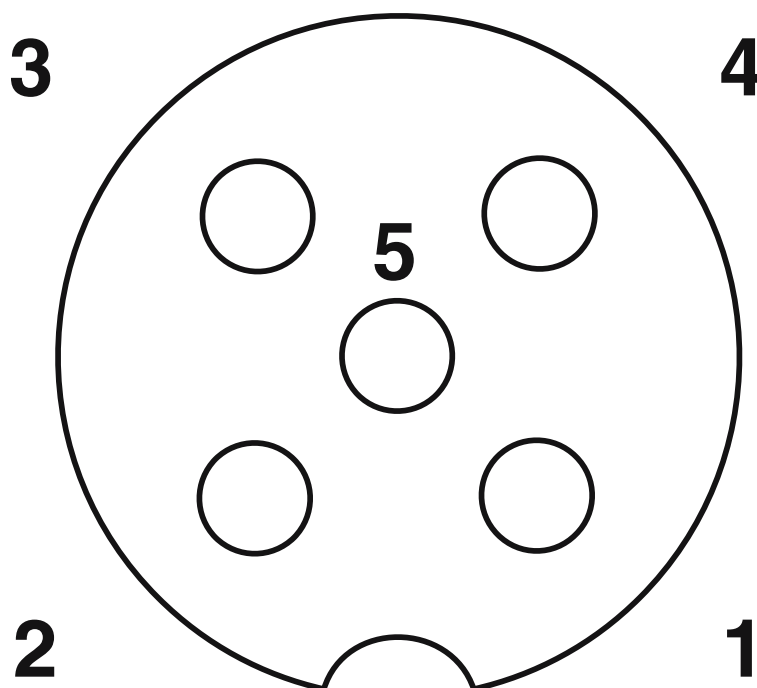
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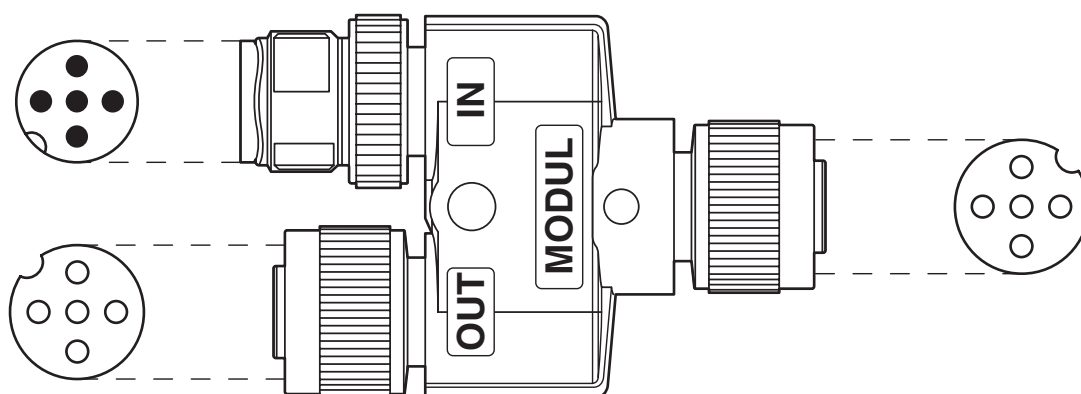


Schematic diagram



Pin assignment M12 socket, 5-pos., A-coded, socket side view

Schematic diagram

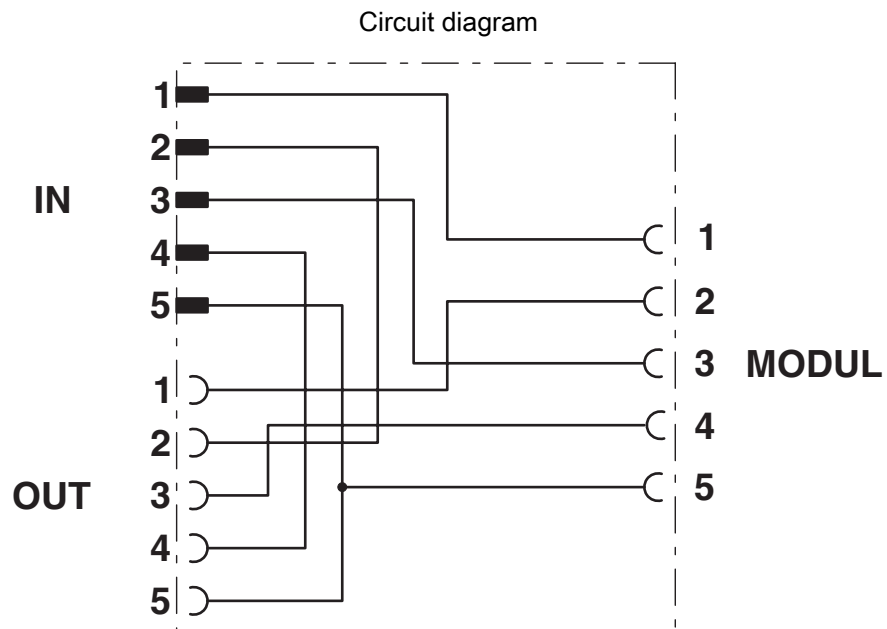


Layout of connector pin assignments

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Contact assignment of the M12 Y distributor

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27440106 |
| ECLASS-15.0 | 27440106 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC002925 |
|----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 31251500 |
|-------------|----------|

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## Environmental product compliance

### EU RoHS

|                                         |                    |
|-----------------------------------------|--------------------|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|-----------------------------------------|--------------------|

### China RoHS

|                                        |                                          |
|----------------------------------------|------------------------------------------|
| Environment friendly use period (EFUP) | EFUP-E                                   |
|                                        | No hazardous substances above the limits |

### EU REACH SVHC

|                                     |                            |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

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