

Technical data sheet

Built-in plug

Part no.: 50145962

AC-PLM-19

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For illustration purposes only

Technical data

Connection

Connection 1

| | |
|--------------------|-----------|
| Type of connection | Connector |
| Thread size | M23 |
| Material | Metal |
| No. of pins | 19 -pin |
| Version | Axial |

Connection 2

| | |
|--------------------|----------|
| Type of connection | Open end |
|--------------------|----------|

Cable properties

| | |
|----------------------|-------------|
| Number of conductors | 19 Piece(s) |
|----------------------|-------------|

Mechanical data

| | |
|------------|------|
| Net weight | 55 g |
|------------|------|

Environmental data

| | |
|--------------------------------|---------------|
| Ambient temperature, operation | -25 ... 80 °C |
| Ambient temperature, storage | -25 ... 80 °C |

Certifications

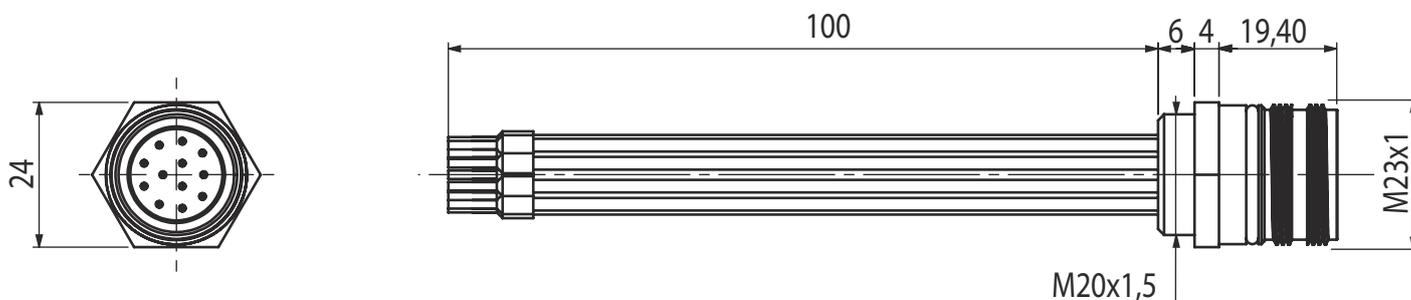
| | |
|----------------------|--------|
| Degree of protection | IP 67 |
| | IP 69K |

Classification

| | |
|-----------------------|----------|
| Customs tariff number | 85444290 |
| ECLASS 5.1.4 | 27279201 |
| ECLASS 8.0 | 27440102 |
| ECLASS 9.0 | 27270692 |
| ECLASS 10.0 | 27440102 |
| ECLASS 11.0 | 27440103 |
| ECLASS 12.0 | 27440103 |
| ECLASS 13.0 | 27440103 |
| ECLASS 14.0 | 27440103 |
| ECLASS 15.0 | 27440103 |
| ECLASS 16.0 | 27440103 |
| ETIM 5.0 | EC002594 |
| ETIM 6.0 | EC002594 |
| ETIM 7.0 | EC003570 |
| ETIM 8.0 | EC003570 |
| ETIM 9.0 | EC003570 |
| ETIM 10.0 | EC003570 |

Dimensioned drawings

All dimensions in millimeters



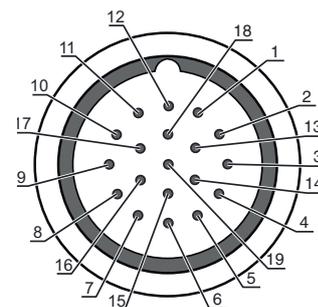
Electrical connection

Connection 1

| | |
|--------------------|-----------|
| Type of connection | Connector |
| Thread size | M23 |
| Type | Male |
| Material | Metal |
| No. of pins | 19 -pin |
| Encoding | A-coded |
| Version | Axial |

Electrical connection

| Pin | Conductor color |
|-----|-----------------|
| 1 | White |
| 2 | Brown |
| 3 | Green |
| 4 | Yellow |
| 5 | Gray |
| 6 | Pink |
| 7 | Blue |
| 8 | Red |
| 9 | Black |
| 10 | Violet |
| 11 | gray / pink |
| 12 | red / blue |
| 13 | white / green |
| 14 | brown / green |
| 15 | white / yellow |
| 16 | yellow / brown |
| 17 | white / gray |
| 18 | gray / brown |
| 19 | white / pink |



Connection 2

| | |
|--------------------|----------|
| Type of connection | Open end |
|--------------------|----------|

Accessories

Connection technology - Connection cables

| Part no. | Designation | Article | Description |
|--|-------------|--------------------|---|
|  | 50134971 | KD U-M23-JA-P1-050 | Connection cable |
| | | | Application: Oil and lubricant resistant Connection 1: Connector, M23, Axial, Female, A-coded, 19 -pin Connector, LED: No Connection 2: Open end Shielded: No Cable length: 5,000 mm Sheathing material: PUR |
|  | 50134972 | KD U-M23-JA-P1-100 | Connection cable |
| | | | Application: Oil and lubricant resistant Connection 1: Connector, M23, Axial, Female, A-coded, 19 -pin Connector, LED: No Connection 2: Open end Shielded: No Cable length: 10,000 mm Sheathing material: PUR |
|  | 50136636 | KD U-M23-JA-P1-150 | Connection cable |
| | | | Application: Oil and lubricant resistant Connection 1: Connector, M23, Axial, Female, A-coded, 19 -pin Connector, LED: No Connection 2: Open end Shielded: No Cable length: 15,000 mm Sheathing material: PUR |
|  | 50136637 | KD U-M23-JA-P1-200 | Connection cable |
| | | | Application: Oil and lubricant resistant Connection 1: Connector, M23, Axial, Female, A-coded, 19 -pin Connector, LED: No Connection 2: Open end Shielded: No Cable length: 20,000 mm Sheathing material: PUR |

Accessories

| | Part no. | Designation | Article | Description |
|--|----------|--------------------|------------------|--|
|  | 50134976 | KD U-M23-JW-P1-050 | Connection cable | Application: Oil and lubricant resistant Connection 1: Connector, M23, Angled, Female, A-coded, 19 -pin Connector, LED: No Connection 2: Open end Shielded: No Cable length: 5,000 mm Sheathing material: PUR |
|  | 50134977 | KD U-M23-JW-P1-100 | Connection cable | Application: Oil and lubricant resistant Connection 1: Connector, M23, Angled, Female, A-coded, 19 -pin Connector, LED: No Connection 2: Open end Shielded: No Cable length: 10,000 mm Sheathing material: PUR |

Note



A list with all available accessories can be found on the Leuze website in the Download tab of the article detailed page.