

Connector in molded plastic on both sides - K-3E-M23 M9/2,0-A00/M23 F8 - 1624773

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Connector in molded plastic on both sides, Length: 2 m, Color of outer sheath: gray RAL 7001

Product Features

- Our standard: robust halogen-free PUR cable
- Simple and safe: 100% electrically tested and assembled ready for use
- Designs with pre-assembled cables on one or both sides
- High flexibility: customer-specific assemblies and cable lengths can be supplied



Key Commercial Data

| | |
|----------------------|----------|
| Packing unit | 1 pc |
| Custom tariff number | 85444290 |
| Country of origin | Germany |

Technical data

| | |
|------------------|------|
| Conductor length | 2 m |
| Nominal current | 34 A |

Connector specifications

| | |
|-----------------------|----------------------------|
| Type | straight plastic-sheathed |
| Thread type | M23 |
| Locking type | Screw locking |
| Degree of protection | IP67, when in locked state |
| Number of positions | 3+PE |
| Direction of rotation | Standard |
| Type of contact | Socket |

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Technical data

Connector specifications

| | |
|---------------------------------|-------------------|
| Insertion/withdrawal cycles | 50 |
| Contact resistance | < 0.3 mΩ |
| Max. current | 30 A |
| Voltage | 630 V |
| Overvoltage category | III |
| Degree of pollution | 3 |
| Rated surge voltage | 6 kV |
| Ambient temperature (operation) | -40 °C ... 105 °C |

Cable specifications

| | |
|--|--------------------------|
| Type of cable | Ölflex Control TM |
| Shielded | yes |
| Cable structure | 4G4 |
| Cable structure (AWG) | Ölflex Control TM CY 4G4 |
| External cable diameter | 12.3 mm |
| Outer sheath, material | PVC |
| Material wire insulation | PVC |
| External sheath, color | gray RAL 7001 |
| Nominal voltage, cable | 600 V |
| Test voltage | 2 kV |
| Rated current | 34 A |
| Ambient temperature for fixed installation | -40 °C ... 90 °C |

Connector specifications (second page)

| | |
|-----------------------------|----------------------------|
| Type | straight plastic-sheathed |
| Housing material | Zinc die-cast |
| Thread type | M23 |
| Degree of protection | IP67, when in locked state |
| Number of positions | 3+PE |
| Direction of rotation | Standard |
| Type of contact | Male connector |
| Insertion/withdrawal cycles | 50 |
| Contact resistance | < 0.3 mΩ |
| Max. current | 30 A |
| Voltage | 630 V |
| Overvoltage category | III |
| Degree of pollution | 3 |

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Technical data

Connector specifications (second page)

| | |
|---------------------------------|-------------------|
| Rated surge voltage | 6 kV |
| Ambient temperature (operation) | -40 °C ... 105 °C |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27143423 |
| eCl@ss 6.0 | 27143423 |
| eCl@ss 7.0 | 27449001 |
| eCl@ss 8.0 | 27062011 |
| eCl@ss 9.0 | 27062011 |

ETIM

| | |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC001121 |
| ETIM 5.0 | EC001578 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 43172015 |
| UNSPSC 7.0901 | 43201404 |
| UNSPSC 11 | 43172015 |
| UNSPSC 12.01 | 43201404 |
| UNSPSC 13.2 | 43201404 |

Approvals

Approvals

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UL Listed / cUL Listed / EAC / cULus Listed

Ex Approvals

Connector in molded plastic on both sides - K-3E-M23 M9/2,0-A00/M23 F8 - 1624773

Approvals

Approvals submitted

Approval details

| | |
|--------------------------------|-------|
| UL Listed | |
| Nominal current I _N | 25 A |
| Nominal voltage U _N | 600 V |

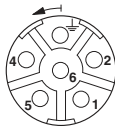
| | |
|--------------------------------|-------|
| cUL Listed | |
| Nominal current I _N | 25 A |
| Nominal voltage U _N | 600 V |

EAC

| | |
|--------------|--|
| cULus Listed | |
|--------------|--|

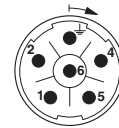
Drawings

Schematic diagram



Do not use pin 1 and 6

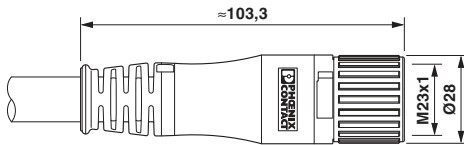
Schematic diagram



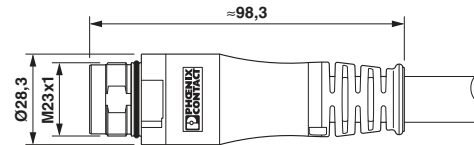
Do not use pin 1 and 6

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Dimensional drawing



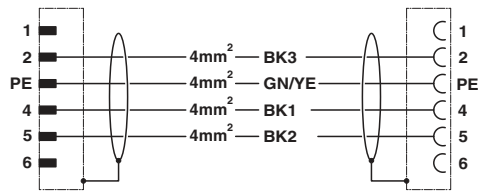
Dimensional drawing



On the female side

Pin side

Circuit diagram



Contact assignment of M23 plugs/sockets