

## Cable connector - M23-1RP1N8A80DUS - 1629144

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Cable connector, straight, shielded: yes, ONECLICK fast locking system, M23, No. of pos.: 16+2+PE, type of contact: Pin, Crimp connection, cable diameter range: 3 mm ... 15 mm

### Your advantages

- ✓ Solutions with cross-manufacturer compatibility for standard and fast locking systems
- ✓ ONECLICK fast locking system with an optically, haptically, and acoustically clear locking position
- ✓ Reliable under the harshest conditions: cable connectors with vibration brake
- ✓ Modern, consistent design for highly convenient operation
- ✓ Easy, cost-effective cable assembly: uniform shielding of M17 to M40

### Key Commercial Data

Packing unit	1 pc
GTIN	 4 055626 616179
GTIN	4055626616179
Weight per Piece (excluding packing)	96.680 g
Custom tariff number	85366990
Country of origin	Germany
Note	Made to Order (non-returnable)

### Technical data

#### Temperature range

Ambient temperature (operation)	-40 °C ... 125 °C
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#### Data of the insulating body

Note	Order information: Order crimp contacts 16 x Ø 1 mm, 2 x Ø 1.5 mm, 1 x Ø 1.5 (PE) separately
Insulator material	PA 6.6
Contact connection method	Crimp connection
Type of contacts	Pin

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## Technical data

### Data of the insulating body

Application	Signal
Number of positions	19
Contact diameter of power contacts	1.5 mm
Nominal current per power contact at 25°C	10 A
Nominal voltage, power contact	150 V
Rated surge voltage	1.5 kV
Overvoltage category	II
Degree of pollution	3
Contact diameter of signal contacts	1 mm
Nominal current per signal contact at 25°C	8 A
Nominal voltage, signal contact	150 V
Overvoltage category	II
Degree of pollution	3

### Housing data

Housing material	GD-Zn
Type of locking	ONECLICK fast locking system
Degree of protection (when plugged in)	IP66 / IP68 (2 m / 24 h)
Thread type	M23

### Cable seal data

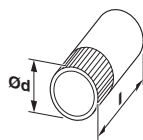
Cable diameter	3 mm ... 15 mm (Universal gasket)
Sealing material	FKM

### Environmental Product Compliance

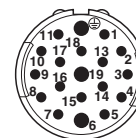
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Drawings

Dimensional drawing



Schematic diagram



Technical drawings can be found under Downloads

## Classifications

eCl@ss

eCl@ss 8.0	27440102
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## Classifications

### eCl@ss

eCl@ss 9.0	27440103
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### ETIM

ETIM 5.0	EC002635
ETIM 6.0	EC002061

## Accessories

### Accessories

#### Crimp contact

Crimp contact - RC-15P2000 - 1623779



Crimp contact, turned, contact diameter: 1.5 mm, crimp range: 0.5 mm<sup>2</sup> ... 1 mm<sup>2</sup>

Crimp contact - RC-15P2010 - 1623776



Crimp contact, turned, contact diameter: 1 mm, crimp range: 0.08 mm<sup>2</sup> ... 0.22 mm<sup>2</sup>

Crimp contact - RC-15P2020 - 1623777



Crimp contact, turned, contact diameter: 1 mm, crimp range: 0.14 mm<sup>2</sup> ... 0.56 mm<sup>2</sup>

Crimp contact - RC-15P2030 - 1623778



Crimp contact, turned, contact diameter: 1 mm, crimp range: 0.5 mm<sup>2</sup> ... 1 mm<sup>2</sup>

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### Accessories

Crimp contact - RC-15P2100 - 1623780



Crimp contact, leading (PE), turned, contact diameter: 1.5 mm, crimp range: 0.5 mm<sup>2</sup> ... 1 mm<sup>2</sup>

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Crimp contact - RC-15P2200 - 1627292



Crimp contact, turned, contact diameter: 1.5 mm, crimp range: 0.08 mm<sup>2</sup> ... 0.22 mm<sup>2</sup>

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Crimp contact - RC-15P2300 - 1627291



Crimp contact, turned, contact diameter: 1.5 mm, crimp range: 0.14 mm<sup>2</sup> ... 0.56 mm<sup>2</sup>

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### Mounting material

Torque screwdriver - SF-Z0028 - 1607456



Torque screwdriver

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Hook wrench - SF-Z0027 - 1607455



Hook wrench

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## Cable connector - M23-1RP1N8A80DUS - 1629144

### Accessories

Special wrench - RF-Z0007 - 1614347



Special wrench

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