

## Cable connector - M23-1RS1N8A80DU - 1629196

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

### Your advantages

- ✓ Solutions with cross-manufacturer compatibility for standard and fast locking systems
- ✓ 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 618296
GTIN	4055626618296
Weight per Piece (excluding packing)	98.480 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, 3 x Ø 1.5 mm separately
Insulator material	PA 6.6
Contact connection method	Crimp connection
Type of contacts	Socket
Application	Signal

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### Technical data

#### Data of the insulating body

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	Screw locking
Degree of protection (when plugged in)	IP66/IP67
Thread type	M23

#### Cable seal data

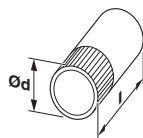
Cable diameter	3 mm ... 15 mm (Universal gasket)
Sealing material	FKM

#### Environmental Product Compliance

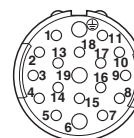
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

### Drawings

Dimensional drawing



Schematic diagram



Technical drawings can be found under Downloads

### Classifications

eCl@ss

eCl@ss 8.0	27440102
eCl@ss 9.0	27440103

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### Classifications

#### ETIM

ETIM 5.0	EC002635
ETIM 6.0	EC002061

### Accessories

#### Accessories

##### Crimp contact

Crimp contact - RC-11P2000 - 1596770



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

Crimp contact - RC-12S2000 - 1599600



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

Crimp contact - RC-1KS2000 - 1602998



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

Crimp contact - RC-15S2000 - 1623775



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

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### Accessories

Crimp contact - RC-15S2200 - 1627290



Crimp contact, turned, contact diameter: 1.5 mm, crimp range: 0.08 mm² ... 0.22 mm²

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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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Special wrench - RF-Z0007 - 1614347



Special wrench