

## Cable connector - M23-07S1N8A80DUS - 1629180

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)




Cable connector, M23 PRO, straight, shielded: yes, ONECLICK fast locking system, M23, No. of pos.: 7, 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
- ✓ 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 618135
GTIN	4055626618135
Weight per Piece (excluding packing)	97.000 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
---------------------------------	-------------------

#### Data of the insulating body

Note	Order information: Order 7 x Ø 2 mm crimp contacts separately
Coding	N
Insulator material	PA 6.6
Contact connection method	Crimp connection
Type of contacts	Socket

## Cable connector - M23-07S1N8A80DUS - 1629180

### Technical data

#### Data of the insulating body

Application	Signal
Number of positions	7
Direction of rotation	Standard
Contact diameter of signal contacts	2 mm
Litz wire cross section of signal contacts min.	0.5 mm <sup>2</sup>
Litz wire cross section of signal contacts max.	2.5 mm <sup>2</sup>
Nominal current per signal contact	20 A
Additional text	for max. connection cross section
Rated voltage of signal contact	300 V
Rated surge voltage	2.5 kV
Overvoltage category	II
Degree of pollution	3
Additional text	for max. connection cross section

#### 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

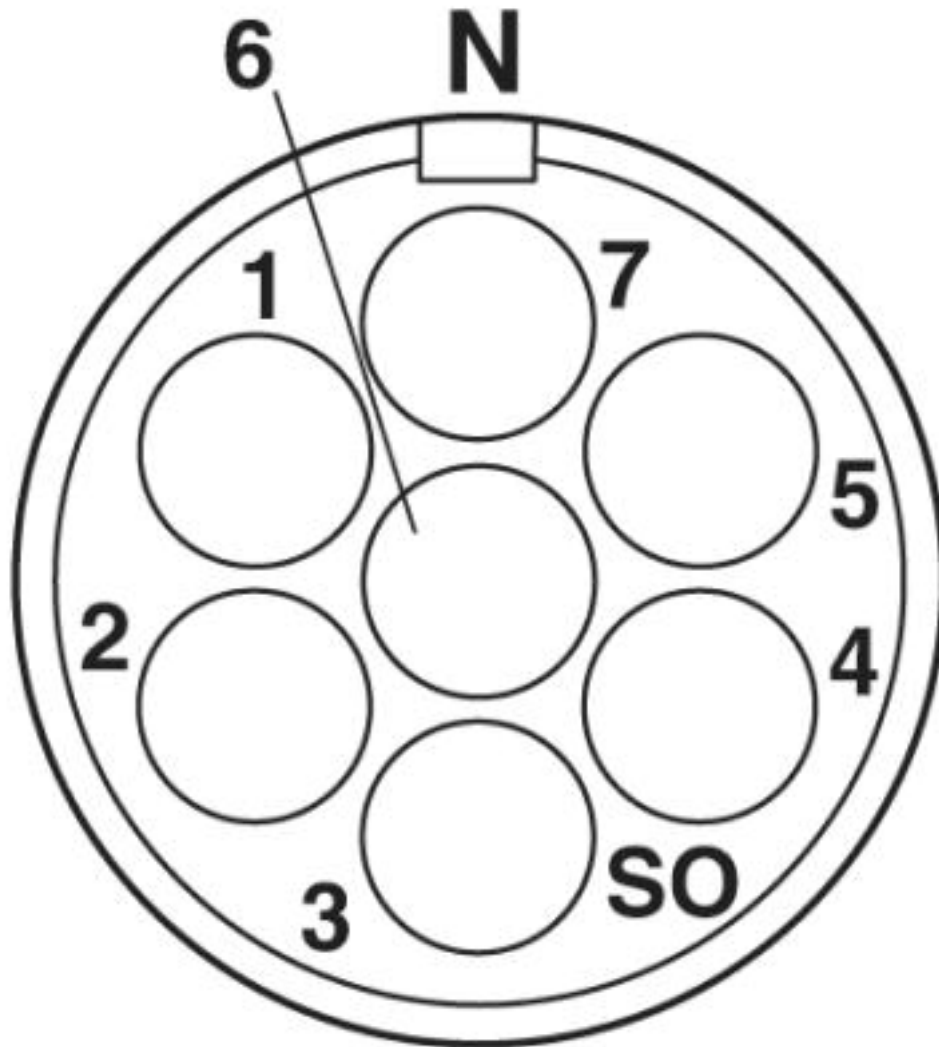
#### Environmental Product Compliance

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

### Drawings

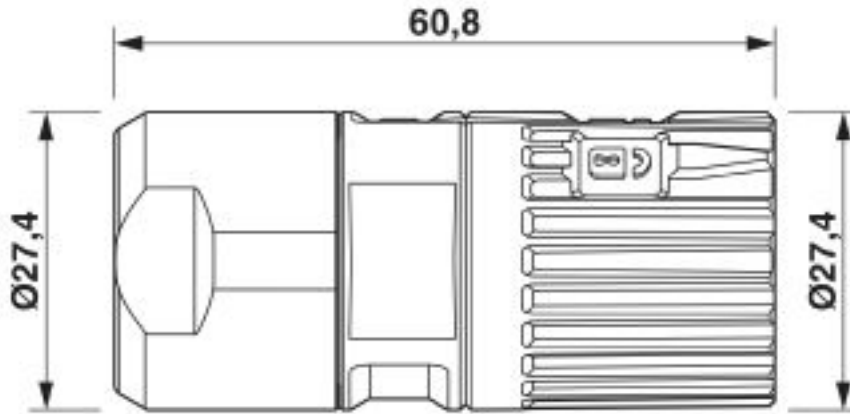
# Cable connector - M23-07S1N8A80DUS - 1629180

Schematic diagram



# Cable connector - M23-07S1N8A80DUS - 1629180

Dimensional drawing



Technical drawings can be found under Downloads

## Classifications

eCl@ss

eCl@ss 8.0	27440102
eCl@ss 9.0	27440103

ETIM

ETIM 5.0	EC002635
ETIM 6.0	EC002061

## Accessories

Accessories

Crimp contact

Crimp contact - RC-5SS2000 - 1603530



Crimp contact, turned, contact diameter: 2 mm, crimp range: 0.5 mm<sup>2</sup> ... 0.75 mm<sup>2</sup>

## Cable connector - M23-07S1N8A80DUS - 1629180

### Accessories

Crimp contact - RC-59S2000 - 1603501



Crimp contact, turned, contact diameter: 2 mm, crimp range: 0.75 mm<sup>2</sup> ... 1 mm<sup>2</sup>

---

Crimp contact - RC-5CS2000 - 1603517



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

---

Crimp contact - RC-5AS2000 - 1603509



Crimp contact, turned, contact diameter: 2 mm, crimp range: 1.5 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>

---

### Mounting material

Torque screwdriver - SF-Z0028 - 1607456



Torque screwdriver

---

Special wrench - RF-Z0007 - 1614347



Special wrench

---

## Cable connector - M23-07S1N8A80DUS - 1629180

### Accessories

Hook wrench - SF-Z0027 - 1607455



Hook wrench

---

Phoenix Contact 2020 © - all rights reserved  
<http://www.phoenixcontact.com>