

## Connector in molded plastic on both sides - K-17-M23 M9/5,0-E01/M23 F8 - 1619296

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Connector in molded plastic on both sides, Length: 5 m, Color of outer sheath: Green

### Product Features



### Key commercial data

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

### Technical data

Conductor length	5 m
Nominal current	9 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	17
Direction of rotation	Standard
Type of contact	Socket
Insertion/withdrawal cycles	50
Contact resistance	< 0.3 mΩ
Max. current	8 A

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## Technical data

### Connector specifications

Voltage	100 V
Surge voltage category	II
Pollution degree	3
Rated surge voltage	1.5 kV
Ambient temperature (operation)	-40 °C ... 105 °C

### Cable specifications

Type of cable	SSLC11Y
Shielded	Yes
Cable structure	3 x 2 x 0.14 mm <sup>2</sup> + 2 x 0.5 mm <sup>2</sup> + 4 x 0.14 mm <sup>2</sup> + 4 x 0.22 mm <sup>2</sup>
Cable structure (AWG)	26 AWG/3pr + 20 AWG/2c + 26 AWG/4c + 24 AWG/4c
External cable diameter	9.4 mm
Outer sheath, material	TPU
Material wire insulation	TPU
External sheath, color	Green
Single wire, color	Yellow, green, red, white-yellow, blue, gray, brown-blue, green-black, green-red, brown-red, black, brown, orange, white-black, brown-gray, brown, yellow
Nominal voltage, cable	30 V
Test voltage	0.5 kV
Rated current	9 A
Smallest bending radius, fixed installation	38 mm
Smallest bending radius, movable installation	94 mm
Ambient temperature for fixed installation	-30 °C ... 80 °C
Ambient temperature for flexible installation	-30 °C ... 60 °C

### Connector specifications (second page)

Type	straight plastic-sheathed
Thread type	M23
Degree of protection	IP67, when in locked state
Number of positions	17
Direction of rotation	Standard
Type of contact	Male connector
Insertion/withdrawal cycles	50
Contact resistance	< 0.3 mΩ
Max. current	8 A
Voltage	100 V
Surge voltage category	II

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## Technical data

Connector specifications (second page)

Pollution degree	3
Rated surge voltage	1.5 kV
Ambient temperature (operation)	-40 °C ... 105 °C

## Classifications

### eCl@ss

eCl@ss 4.0	27060306
eCl@ss 4.1	27060306
eCl@ss 5.0	27061801
eCl@ss 5.1	27061801
eCl@ss 6.0	27279218
eCl@ss 7.0	27279218

### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC001855
ETIM 5.0	EC001855

### UNSPSC

UNSPSC 6.01	26121604
UNSPSC 7.0901	26121604
UNSPSC 11	26121604
UNSPSC 12.01	26121604
UNSPSC 13.2	26121604

## Approvals

### Approvals

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Approvals

UL Listed / cUL Listed / cULus Listed

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Ex Approvals


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## Approvals

Approvals submitted

### Approval details

UL Listed 	
Nominal current IN	5 A
Nominal voltage UN	30 V

cUL Listed 	
Nominal current IN	5 A
Nominal voltage UN	30 V

cULus Listed 	
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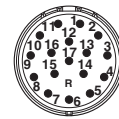
## Drawings

Schematic diagram



Socket pin assignment

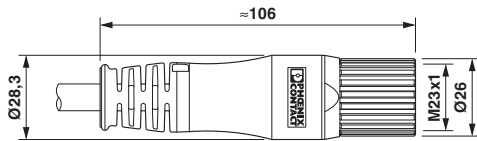
Schematic diagram



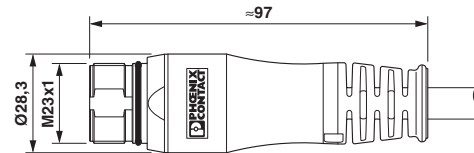
Pin assignment of pin

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Dimensional drawing



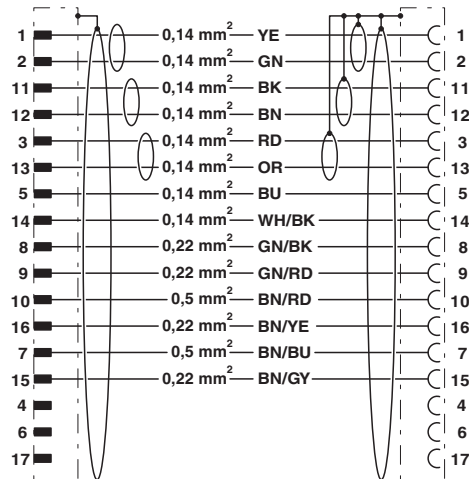
Dimensional drawing



On the female side

Pin side

Circuit diagram



Contact assignment of M23 plugs/sockets