

# K-17 - OE/2,0-E01/M23 F8 - Cable plug in molded plastic



1619277

<https://www.phoenixcontact.com/us/products/1619277>

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Cable plug in molded plastic, application: Signal, Straight, plastic molded, cable length: 2 m, shielded: yes, color of outer sheath: green, this item is expected to be lead-free from Q1 2027 in accordance with RoHS II without exception 6c (Pb < 0.1%), a lead-free alternative is possible on request in advance

## Your advantages

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

## Commercial data

Item number	1619277
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB34
Product key	ABRDFA
GTIN	4046356833448
Weight per piece (including packing)	361 g
Weight per piece (excluding packing)	342.266 g
Customs tariff number	85444290
Country of origin	DE

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## Technical data

### Product properties

Product type	Signal and power cable
Application	Signal

### Connector

#### Connector specifications

Type	Straight, plastic molded
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### Electrical properties

Nominal current $I_N$	9 A
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### Cable/line

Cable length	2 m
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#### Cable specifications

Cable type	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	9.40 mm
Outer sheath, material	TPU
Material wire insulation	TPU
External sheath, color	green
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 (operation) for fixed installation	-30 °C ... 80 °C
Ambient temperature (operation) for flexible installation	-30 °C ... 60 °C

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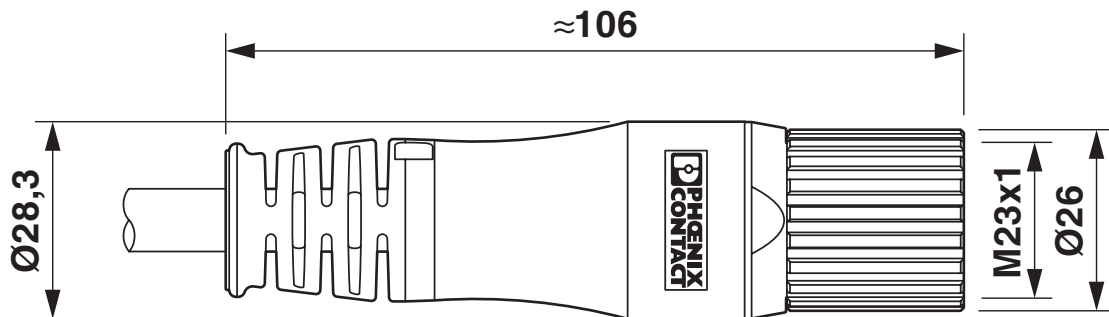


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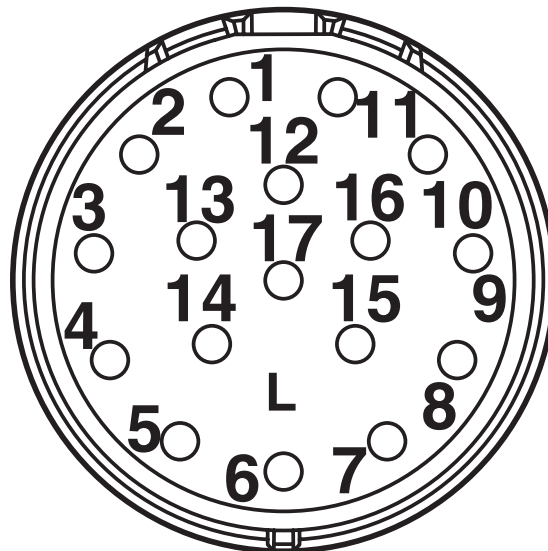
## Drawings

Dimensional drawing



Dimensional drawing

Schematic diagram



Connector pin assignment

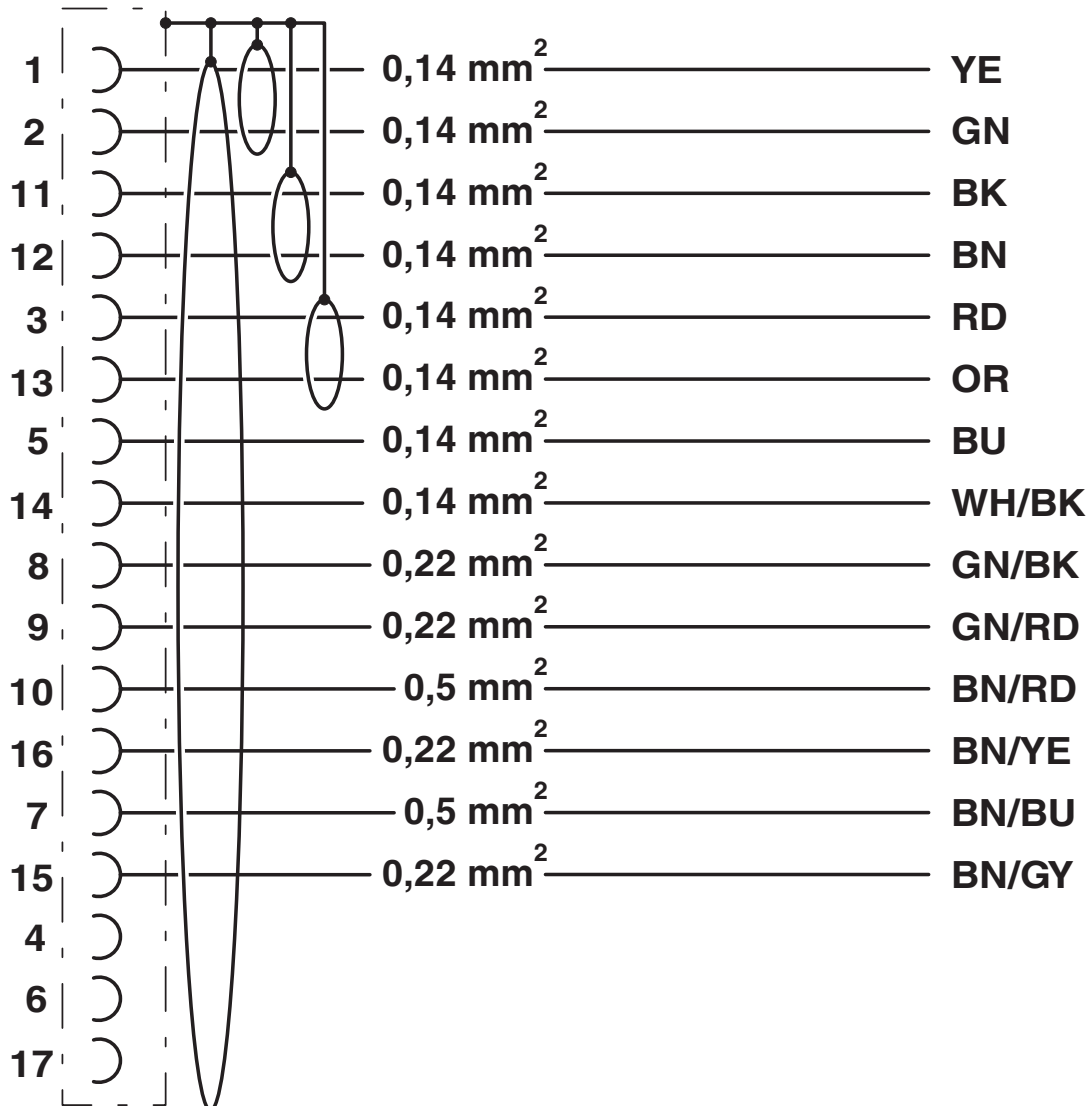
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Circuit diagram



Contact assignment of M23 plugs/sockets

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1619277>



**EAC**

Approval ID: 19060508



**UL Listed**

Approval ID: E335019-20140707

	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
keine				
Power	30 V	5 A	-	-
Signal	30 V	2 A	-	-
Data	30 V	1 A	-	-



**cUL Listed**

Approval ID: E335019-20140707

	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
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## Classifications

### ECLASS

ECLASS-13.0	27060106
ECLASS-15.0	27060106

### ETIM

ETIM 10.0	EC003250
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### UNSPSC

UNSPSC 21.0	26121600
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(b), 6(c)

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	74366bd3-8cbd-422e-b2e6-f6d10b593937

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