

Cable plug in molded plastic - K-17 - OE/5,0-E01/M17 F8 - 1624781

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 plug in molded plastic, Length: 5 m, Color of outer sheath: green

Why buy this product

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

Key Commercial Data

Packing unit	1 STK
Minimum order quantity	2 STK
Weight per Piece (excluding packing)	680.000 g
Custom tariff number	85444290
Country of origin	Germany

Technical data

Conductor length	5 m
Nominal current	3.6 A

Connector specifications

Type	straight plastic-sheathed
Housing material	Zinc die-cast
Thread type	M17
Locking type	Screw locking
Degree of protection	IP67, when in locked state
Number of positions	17

Cable plug in molded plastic - K-17 - OE/5,0-E01/M17 F8 - 1624781

Technical data

Connector specifications

Direction of rotation	Standard
Type of contact	Socket
Insertion/withdrawal cycles	50
Contact resistance	< 0.3 mΩ
Max. current	3.6 A
Voltage	60 V
Overvoltage category	III
Degree of pollution	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 ² + 2 x 0.5 mm ² + 4 x 0.14 mm ² + 4 x 0.22 mm ²
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
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

Drawings

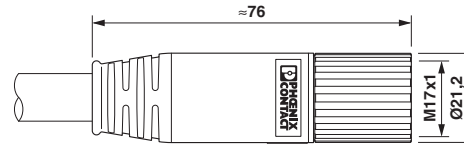
Cable plug in molded plastic - K-17 - OE/5,0-E01/M17 F8 - 1624781

Schematic diagram



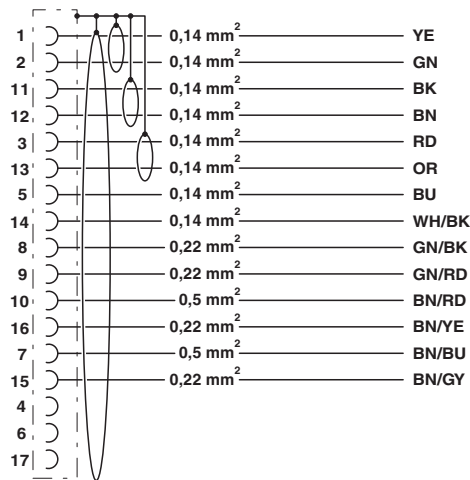
Socket pin assignment

Dimensional drawing



Dimensional drawing

Circuit diagram



Contact assignment of M17 plugs/sockets

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260708
eCl@ss 7.0	27440312
eCl@ss 8.0	27062011
eCl@ss 9.0	27062011

Cable plug in molded plastic - K-17 - OE/5,0-E01/M17 F8 - 1624781

Classifications

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC001121
ETIM 5.0	EC001578

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	43201404

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC B.00767

Accessories

Accessories

Conductor marking

Insert label - PABA WH/15 - 1013151



Insert label, Strip, white, unlabeled, can be labeled with: Plotter, Mounting type: Thread on, Cable diameter: 0.6-50 mm, Lettering field: 15 x 4 mm

Cable plug in molded plastic - K-17 - OE/5,0-E01/M17 F8 - 1624781

Accessories

Insert label - PABA YE/15 - 1013698



Insert label, Strip, yellow, unlabeled, can be labeled with: Plotter, Mounting type: Thread on, Cable diameter: 0.6-50 mm, Lettering field: 15 x 4 mm

Insert label - PABA RD/15 - 1013944



Insert label, Strip, red, unlabeled, can be labeled with: Plotter, Mounting type: Thread on, Cable diameter: 0.6-50 mm, Lettering field: 15 x 4 mm

Cutting tools

Diagonal cutter - CUTFOX-S VDE - 1212207



Diagonal cutter for copper and aluminum conductors, VDE 1000 V AC/ 1500 V DC-tested

Marker carrier cable

Conductor marker carrier - PATG 4/23 - 0808011



Conductor marker carrier, transparent, unlabeled, Mounting type: slide on, Cable diameter: 6-10 mm, Lettering field: 4 x 23 mm

Marker pen

Cable plug in molded plastic - K-17 - OE/5,0-E01/M17 F8 - 1624781

Accessories

Marker pen - B-STIFT - 1051993



Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm

Stripping tool

Stripping tool - WIREFOX 10 - 1212150



Stripping tool, for cables and conductors from 0.02 - 10 mm², self-adjusting, stripping length of up to 18 mm, cutting capacity of up to 10 mm² stranded/1.5 mm² solid, replaceable stripping blade