1069498

https://www.phoenixcontact.com/us/products/1069498

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M17, Coupler connector, series: M17 PRO, straight, shielded: yes, for standard and ONECLICK fast locking system, No. of pos.: 3+PE, Direction of rotation: Standard, contact connection type: Socket, Crimp connection, cable diameter range: 3.5 mm ... 6.5 mm, coding: N, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb < 0.1 %)

Your advantages

- · Solutions with cross-manufacturer compatibility for standard and fast locking systems
- · Modern, consistent design for highly convenient operation
- Easy, cost-effective cable assembly: uniform shielding of M17 to M40

Commercial data

Item number	1069498
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB30
Product key	ABRBAG
GTIN	4055626746531
Weight per piece (including packing)	68.9 g
Weight per piece (excluding packing)	68.9 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

General	Order 4 x Ø 1.5 mm crimp contacts separately
afety note	
Safety note	WARNING: The connectors may not be plugged in or disconnected under load. Ignoring the warning or improper use may damage persons and/or property.
	WARNING: Commission properly functioning products only. The products must be regularly inspected for damage. Decommission defective products immediately. Replace damaged products. Repairs are not possible.
	WARNING: Only electrically qualified personnel may install an operate the product. They must observe the following safety notes. The qualified personnel must be familiar with the basics electrical engineering. They must be able to recognize and prevent danger. The relevant symbol on the packaging indicate that only personnel familiar with electrical engineering are allowed to install and operate the product.
	• The products are suitable for applications in plant, controller, and electrical device engineering.
	 When operating the connectors in outdoor applications, they must be separately protected against environmental influences
	 Assembled products may not be manipulated or improperly opened.
	 Only use mating connectors that are specified in the technical data of the standards listed (e.g. the ones listed in the product accessories online at phoenixcontact.com/products).
	When using the product in direct connection with third-party manufacturers, the user is responsible.
	 For operating voltages > 50 V AC, conductive connector housings must be grounded
	 Ensure that the protective or functional ground has been properly connected.
	VDE 0100/1.97 § 411.1.3.2 and DIN EN 60 204/11.98 § 14.1. are applicable when combining several circuits in a cable and/o connector
	Only use tools recommended by Phoenix Contact
	 The installation notes/Design In documents online on the download page at phoenixcontact.com/products must be observed for this product.
	 Operate the connector only when it is fully plugged in and interlocked.
	• Ensure that when laying the cable, the tensile load on the connectors does not exceed the upper limit specified in the standards.
	Observe the minimum bending radius of the cable. Lay the cable without twisting it.
	 The connector warms up in normal operation. Depending on t ambient conditions, the surface of the connector can continue to warm up. In this case, the user is responsible for posting

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warnings (e.g. DIN EN ISO 13732-1:2008-12).

Product properties

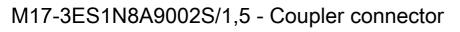
Product type

Circular connector (cable-side)

Connector

ding	N
ulation body material	PA 6.6
ertion/withdrawal cycles	100
nnection method	Crimp connection
ntact switching type	Socket
plication	Power
mber of positions	4
ection of rotation	Standard
nnection profile	3+PE
ntact diameter Power contacts	1.5 mm
z wire cross-section Power contacts min.	0.25 mm ²
z wire cross-section Power contacts max.	2.5 mm ²
ted current Power contacts	20 A
te	for max. connection cross section
ted voltage	630 V
ted surge voltage	6 kV
ervoltage category	III
gree of pollution	3
ntact diameter Signal contacts	1.5 mm
z wire cross-section Signal contacts min.	0.25 mm ²
z wire cross-section Signal contacts max.	2.5 mm ²
tallation height	3000 m
ng	
using material	GD-Zn
be of locking	for standard and ONECLICK fast locking system
screw connection	none
gree of protection (plugged in)	IP67
	IP68, 24 h / 2 m
read type	M17
ternal cable diameter	3.5 mm 6.5 mm

Environmental and real-life conditions



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Ambient conditions

Ambient temperature (operation)

-40 °C ... 105 °C (see derating curve)

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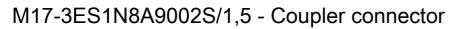
Classifications

ECLASS

ECLASS-11.0	27440102
ECLASS-12.0	27440116
ECLASS-13.0	27440116

ETIM

	ETIM 9.0	EC002635
UNSPSC		
	UNSPSC 21.0	39121400



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Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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