

1628927

https://www.phoenixcontact.com/us/products/1628927

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 documentation. Our general terms of use for downloads are valid.



M17, Device connector front mounting, series: M17 PRO, straight, for standard and ONECLICK fast locking system, No. of pos.: 17, contact connection type: Socket, Crimp connection, flange dimensions: 26 mm x 26 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
- · Crimping connection: vibration- and temperature-resistant assembly
- · All housing can be fitted with pin or socket contacts
- · Safe use in the field, thanks to high degree of protection

Commercial data

Item number	1628927
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB30
Product key	ABRAAL
GTIN	4055626707020
Weight per piece (including packing)	48.9 g
Weight per piece (excluding packing)	48.9 g
Customs tariff number	85366990
Country of origin	DE



1628927

https://www.phoenixcontact.com/us/products/1628927

Technical data

Notes

General	Order 17 x 0.6 mm crimp contacts separately
Safety 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 and operate the product. They must observe the following safety notes. The qualified personnel must be familiar with the basics of electrical engineering. They must be able to recognize and prevent danger. The relevant symbol on the packaging indicates 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 § 14.1.3 are applicable when combining several circuits in a cable and/or 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 the ambient conditions, the surface of the connector can continue to warm up. In this case, the user is responsible for posting



1628927

https://www.phoenixcontact.com/us/products/1628927

	warnings (e.g. DIN EN ISO 13732-1:2008-12).
uct properties	
Product type	Circular connectors (device side)
rial specifications	
Flammability rating according to UL 94	V0
Talling according to 02 0.	, ,
nector	
ulating body	
Coding	N
nsertion/withdrawal cycles	100
Connection method	Crimp connection
Contact switching type	Socket
Application	Signal
Number of positions	17
Connection profile	17
Contact diameter Power contacts	0.6 mm
Rated current Power contacts	3.6 A
Rated voltage	60 V
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3
Rated surge voltage	60 V
Overvoltage category	II
Degree of pollution	3
nstallation height	3000 m
using	
Housing material	GD-Zn
Flange dimensions	26 mm x 26 mm
Type of locking	for standard and ONECLICK fast locking system
Degree of protection (plugged in)	IP67
	IP68, 24 h / 2 m
Thread type	M17
onmental and real-life conditions	
bient conditions	
Ambient temperature (operation)	-40 °C 105 °C (see derating curve)
Ambient temperature (storage/transport)	15 °C 25 °C
Permissible humidity (storage/transport)	50 % 65 %



1628927

https://www.phoenixcontact.com/us/products/1628927

Classifications

ECLASS

UNSPSC 21.0

	ECLASS-11.0	27440109	
	ECLASS-12.0	27440109	
	ECLASS-13.0	27440109	
ETIM			
	ETIM 9.0	EC003569	
UNSPSC			

39121400



1628927

https://www.phoenixcontact.com/us/products/1628927

Environmental product compliance

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

Phoenix Contact 2024 © - all rights reserved https://www.phoenixcontact.com

Phoenix Contact USA 586 Fulling Mill Road Middletown, PA 17057, United States (+717) 944-1300 info@phoenixcon.com