

CABLE-M17HYBRID-1M - Hybrid cable



1681099

<https://www.phoenixcontact.com/us/products/1681099>

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.

Hybrid cable, cable length: 1 m, shielded: yes, color of outer sheath: orange RAL 2003



Commercial data

Item number	1681099
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB38
Product key	ABRGCA
GTIN	4067923235731
Weight per piece (including packing)	256.2 g
Weight per piece (excluding packing)	238.84 g
Customs tariff number	85444995
Country of origin	DE

CABLE-M17HYBRID-1M - Hybrid cable



1681099

<https://www.phoenixcontact.com/us/products/1681099>

Technical data

Product properties

Product type	Cable by the meter
--------------	--------------------

Cable/line

Cable length	1 m
--------------	-----

Cable specifications

Shielded	yes
Cable structure	(4x1,5 mm ² +(4x0,34 mm ² C)+(2x0,75 mm ²)+(2x0,5 mm ²))C
External cable diameter	12.00 mm ±0.3 mm
Outer sheath, material	PUR
Material wire insulation	PO / PP
External sheath, color	orange RAL 2003
Single wire, color	brown, violet Signal wires 0.50 mm ²
	green, gray Signal wires 0.75 mm ²
	blue, yellow, white, orange Data wires
Nominal voltage, cable	600 V (50 V signal)
Rated current	14 A (Power, in accordance with DIN VDE 0298-4 Tab. 11/5)
	8 A (Signal, according to DIN VDE 0298-4 tab. 11/5)
	3.6 A (Data, according to DIN VDE 0298-4 tab. 11/5)
Smallest bending radius, fixed installation	60 mm
Smallest bending radius, movable installation	90 mm
Max. bending cycles	5000000
Traversing path	10 m
Acceleration	20 m/s ²
Ambient temperature (operation) for fixed installation	-40 °C ... 80 °C (fixed installation)
Ambient temperature (operation) for flexible installation	-30 °C ... 80 °C (flexible installation)
UL AWM style	21223 (80 °C / 600 V)
Special properties	Flexible cable conduit capable
Flame resistance	IEC 60332-1
Halogen-free	yes
Resistance to oil	EN 60811-2-1

CABLE-M17HYBRID-1M - Hybrid cable



1681099

<https://www.phoenixcontact.com/us/products/1681099>

Classifications

ECLASS

ECLASS-13.0	27060106
ECLASS-15.0	27060106

ETIM

ETIM 10.0	EC003250
-----------	----------

CABLE-M17HYBRID-1M - Hybrid cable



1681099

<https://www.phoenixcontact.com/us/products/1681099>

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
---	--------------------

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
-------------------------------------	----------------------------

Phoenix Contact 2026 © - 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