

# CAB-TE MR24F/OE/24/TP/S/30M - Cable



2909697

<https://www.phoenixcontact.com/us/products/2909697>

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Assembled shielded round cable; controller: Bailey INFI 90; connection 1: Twisted pair (24-position) (The wires are marked and fitted with ferrules); connection 2: Miniature rectangular (MR) connector (1x 24-position); cable length: 30 m

## Your advantages

- Individual wire marking: 1, 2, 3, 4, etc.
- Twisted-pair wires fitted with ferrules
- Open end at one end
- MR connector at one end
- 1:1 connection

## Commercial data

Item number	2909697
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	C421
Product key	DK2BZZ
GTIN	4055626682372
Country of origin	US

## Technical data

### Product properties

Product type	System cable
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### Environmental and real-life conditions

#### Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

### Electrical properties

Operating voltage (AC)	≤ 125 V AC
Operating voltage (DC)	≤ 125 V DC
Current (Per path)	≤ 1 A

### Cable/line

Cable length	30 m
Number of positions	12
Shielded	yes
Conductor type	Assembled shielded round cable
Conductor structure signal line	7x
AWG signal line	24
Conductor cross-section	12x 0.21 mm <sup>2</sup>
External cable diameter	10.34 mm
Halogen-free	no

#### Color code: Single-core wire

white-blue	MR24 (1) = ()
blue-white	MR24 (2) = ()
white-orange	MR24 (3) = ()
orange-white	MR24 (4) = ()
white-green	MR24 (5) = ()
green-white	MR24 (6) = ()
white-brown	MR24 (7) = ()
brown-white	MR24 (8) = ()
white-gray	MR24 (9) = ()
gray-white	MR24 (10) = ()
red-blue	MR24 (11) = ()
blue-red	MR24 (12) = ()
red-orange	MR24 (13) = ()
orange-red	MR24 (14) = ()
red-green	MR24 (15) = ()
green-red	MR24 (16) = ()

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red-brown	MR24 (17) = ()
brown-red	MR24 (18) = ()
red-gray	MR24 (19) = ()
gray-red	MR24 (20) = ()
black-blue	MR24 (21) = ()
blue-black	MR24 (22) = ()
black-orange	MR24 (23) = ()
orange-black	MR24 (24) = ()

## Connection data

### Field level

Connection method	Miniature rectangular (MR) connector
Number of connections	1
Number of positions	24

### Controller level

Connection method	Twisted pair
Number of positions	24
Note	The wires are marked and fitted with ferrules

## Notes

Notes on operation	For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met.
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## Environmental product compliance

EU REACH SVHC

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