

## Cables Manual

Version V1.00 | 2018-Jul-23

**TRINAMIC offers various cables to connect their products. Below is an image of a cable which has a connector on one end, and a clean cut on the other end.**



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## 1 Order Codes

Order Code	Description	Size (Length)
Cable-EH03	Cable JST EHR-03 AWG 24	200mm
Cable-EH04	Cable JST EHR-04 AWG 24	200mm
Cable-EH06	Cable JST EHR-06 AWG 24	200mm
Cable-EH08	Cable JST EHR-08 AWG 24	200mm

*Table 1: Order codes for EHR cables*

Order Code	Description	Size (Length)
Cable-PH04	Cable JST PHR-04 AWG 24	200mm
Cable-PH05	Cable JST PHR-05 AWG 24	200mm
Cable-PH06	Cable JST PHR-06 AWG 24	200mm
Cable-PH08	Cable JST PHR-08 AWG 24	200mm
Cable-PH09	Cable JST PHR-09 AWG 24	200mm
Cable-PH10	Cable JST PHR-10 AWG 24	200mm
Cable-PH16	Cable JST PHR-16 AWG 24	200mm

*Table 2: Order codes for PHR cables*

Other cables available on request.



## 2 Technical Specifications

### 2.1 Mechanical Parameters EHR Cables

Parameter	Description
Order Code	Cable-EH03
Name	TMC-EHR-03
Art. Nr.	70-0025
Material	AWG 24 UL/CSA 1007/1569-TR64
Length	200mm
End 1	EHR3 connector
End 2	Clean cut
Color	Pin1: Black   Pin2: Red   Pin3: Blue

*Table 3: Specifications Cable-EH03*

Parameter	Description
Order Code	Cable-EH04
Name	TMC-EHR-04
Art. Nr.	70-0023
Material	AWG 24 UL/CSA 1007/1569-TR64
Length	200mm
End 1	EHR4 connector
End 2	Clean cut
Color	Pin1: Black   Pin2: Red   Pin3: Blue   Pin4: Gray

*Table 4: Specifications Cable-EH04*

Parameter	Description
Order Code	Cable-EH06
Name	TMC-EHR-06
Art. Nr.	70-0026
Material	AWG 24 UL/CSA 1007/1569-TR64
Length	200mm
End 1	EHR6 connector
End 2	Clean cut



Color	Pin1: Black   Pin2: Red   Pin3: Blue   Pin4: Gray   Pin5: Brown   Pin6: White
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*Table 5: Specifications Cable-EH06*

Parameter	Description
Order Code	Cable-EH08
Name	TMC-EHR-08
Art. Nr.	70-0027
Material	AWG 24 UL/CSA 1007/1569-TR64
Length	200mm
End 1	EHR8 connector
End 2	Clean cut
Color	Pin1: Black   Pin2: Red   Pin3: Blue   Pin4: Gray   Pin5: Brown   Pin6: White   Pin7: Yellow   Pin8: Green

*Table 6: Specifications Cable-EH08*



## 2.2 Mechanical Parameters PHR Cables

Parameter	Description
Order Code	Cable-PH04
Name	TMC-PHR-04
Art. Nr.	70-0005
Material	AWG 24 UL/CSA 1007/1569-TR64
Length	200mm
End 1	PHR4 connector
End 2	Clean cut
Color	Pin1: Black   Pin2: Red   Pin3: Blue   Pin4: Gray

*Table 7: Specifications Cable-PH04*

Parameter	Description
Order Code	Cable-PH05
Name	TMC-PHR-05
Art. Nr.	70-0006
Material	AWG 24 UL/CSA 1007/1569-TR64
Length	200mm
End 1	PHR5 connector
End 2	Clean cut
Color	Pin1: Black   Pin2: Red   Pin3: Blue   Pin4: Gray   Pin5: Brown

*Table 8: Specifications Cable-PH05*

Parameter	Description
Order Code	Cable-PH06
Name	TMC-PHR-06
Art. Nr.	70-0020
Material	AWG 24 UL/CSA 1007/1569-TR64
Length	200mm
End 1	PHR6 connector
End 2	Clean cut
Color	Pin1: Black   Pin2: Red   Pin3: Blue   Pin4: Gray   Pin5: Brown   Pin6: White



*Table 9: Specifications Cable-PH06*

Parameter	Description
Order Code	Cable-PH08
Name	TMC-PHR-08
Art. Nr.	70-0007
Material	AWG 24 UL/CSA 1007/1569-TR64
Length	200mm
End 1	PHR8 connector
End 2	Clean cut
Color	Pin1: Black   Pin2: Red   Pin3: Blue   Pin4: Gray   Pin5: Brown   Pin6: White   Pin7: White   Pin8: Green

*Table 10: Specifications Cable-PH08*

Parameter	Description
Order Code	Cable-PH09
Name	TMC-PHR-09
Art. Nr.	70-0042
Material	AWG 24 UL/CSA 1007/1569-TR64
Length	200mm
End 1	PHR9 connector
End 2	Clean cut
Color	Pin1: Black   Pin2: Red   Pin3: Blue   Pin4: Gray   Pin5: Brown   Pin6: White   Pin7: White   Pin8: Green   Pin9: Black

*Table 11: Specifications Cable-PH09*

Parameter	Description
Order Code	Cable-PH10
Name	TMC-PHR-10
Art. Nr.	70-0017
Material	AWG 24 UL/CSA 1007/1569-TR64
Length	200mm



End 1	PHR10 connector
End 2	Clean cut
Color	Pin1: Black   Pin2: Red   Pin3: Blue   Pin4: Gray   Pin5: Brown   Pin6: White   Pin7: White   Pin8: Green   Pin9: Black   Pin10: Red

*Table 12: Specifications Cable-PH10*

Parameter	Description
Order Code	Cable-PH16
Name	TMC-PHR-16
Art. Nr.	70-0008
Material	AWG 24 UL/CSA 1007/1569-TR64
Length	200mm
End 1	PHR16 connector
End 2	Clean cut
Color	Pin1: Green   Pin2: Yellow   Pin3: Black   Pin4: Blue   Pin5: White   Pin6: Gray   Pin7: Black   Pin8: Blue   Pin9: Gray   Pin10: White   Pin11: Yellow   Pin12: Green   Pin13: White   Pin14: Brown   Pin15: Black   Pin16: Red

*Table 13: Specifications Cable-PH16*





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## 4 Supplemental Directives

### 4.1 Producer Information

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This product documentation is related and/or associated with additional tool kits, firmware and other items, as provided on the product page at: [www.trinamic.com](http://www.trinamic.com).



## 5 Revision History

### 5.1 Document Revision

Version	Date	Author	Description
1.00	23.07.2018	CB	Initial release.

*Table 14: Document Revision*

