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| <b>DATA SHEET</b>                                      | <b>21700540</b>                  |
| <b>Field-Terminable Connector RJ45 Cat.5e<br/>FM45</b> | Valid from:<br><b>23.03.2011</b> |

## Application

The field- terminable connector RJ45 Cat.5e FM45 is a tool-free switchable, field- terminable RJ45 connector with IDC contacting and Cat. 5e performance. The eight pin connector can be re-switched, is tension- resistant and vibration- resistant. The connecting block can accommodate both screened as well as unscreened cable up to 8 mm diameter.

## Technical data

Lapp article number: 21700540  
Rated current  $I_N$  : 1,75 A  
Pol number: 8  
Type of connection: IDC- crimping technology  
Temperature range: -20°C ... +70°C  
Degree of soiling: 2

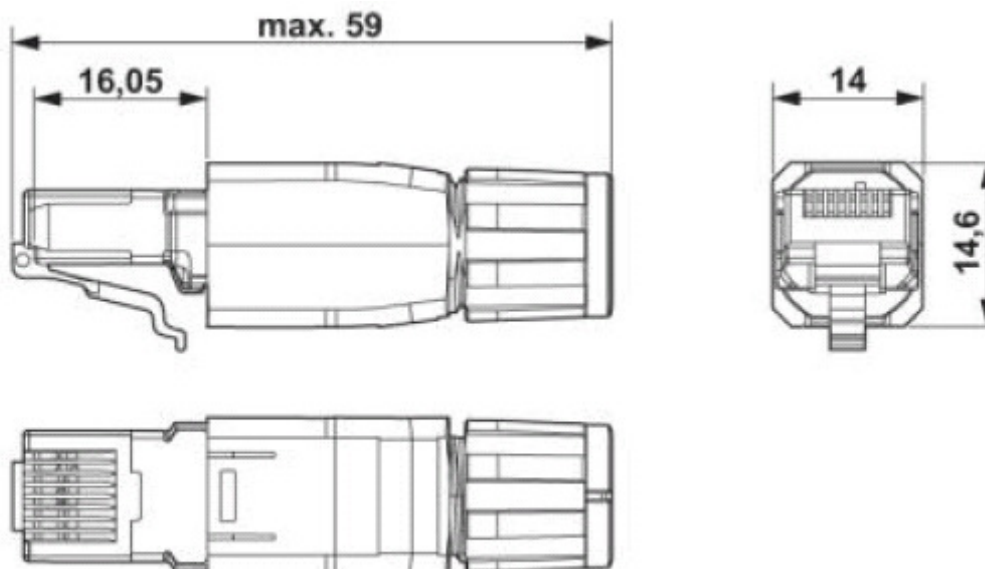
Allowable wire  $\varnothing$  0,4 mm- 0,54 mm (AWG 26 – AWG 23)  
Bedingt 0,64 mm (AWG 22)

Allowable strand  $\varnothing$  0,12 mm<sup>2</sup> - 0,32 mm<sup>2</sup> (AWG 26/7 – AWG22/7)  
Outer sheath  $\varnothing$  4,5 mm – 8,0 mm  
Cable strain relief: > 50 N  
Colour of housing grey, similar RAL 7042

Standards for the transfer characteristics

- IEC 60603-7 RJ45 Kategorie 5 ISO/IEC 11801
- IEC 60603-7-3 EN50173 EIA/TIA 568B

The mechanical, electrical and transfer characteristics result from measurements by 20°C.



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