



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

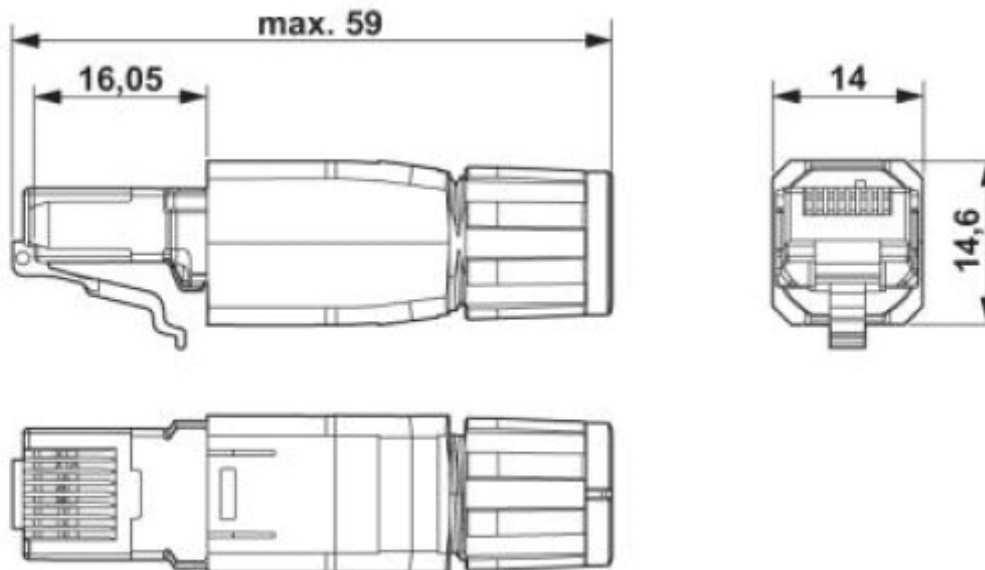
## Technical data

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.



Prepared by: PNM – Jennifer Lehmann	Document: DB21700540EN	Page 1 of 1
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