



# HARTING PushPull V4, RJ45, Cat. 6, 8-pole

RoHS  
compliant

## General information

|                          |   |
|--------------------------|---|
| Design                   | PushPull V4 plug connector compatible to IEC/PAS 61076-3-106 variant 04 |
| No. of contacts          | 8   |
| Temperature range        | -40°C ... +85°C   |
| Mating cycles            | 750   |
| Termination technology   | IDC   |
| IP-Protection            | IP 65/67/68 (1m, 48h) when mated  |
| Insertion force          | 50 N  |
| Withdrawal force         | 50 N  |
| Category of transmission | Cat. 6 acc to IEC 60603-7-5   |
| RoHS - compliant         | Yes   |
| UL file                  | pending   |

## Insulator material

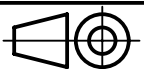
|                                 |                    |
|---------------------------------|--------------------|
| Material                        | PC (Polycarbonate) |
| Color                           | Yellow             |
| UL classification               | UL 94 V0           |
| Material group acc. IEC 60664-1 | PC: III (200)      |

## Contact material

|                      |              |
|----------------------|--------------|
| Contact material     | Copper alloy |
| Plating contact zone | Au over Ni   |

## Connection data

|                                   |   |
|-----------------------------------|---|
| Termination                       | IDC   |
| Conductor cross section min./max. | AWG 27-22 for stranded or solid   |
| Insulation diameter               | max. 1.5 mm   |
| Outer cable diameter              | 4.5 mm - 10 mm  |
| Nut fastening torque              | Must be validated for every different cable type. Recommended 130 - 150 cNm . |



All Dimensions in mm  
Original Size DIN A4

Scale  
1:1

Free size tol.

Ref.

Sub.



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Created by  
HASELOH

Inspected by  
LUECKEMEIERM

Standardisation  
HOFFMANN

Date  
2017-07-07

State  
Final Release

Title  
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HARTING Electronics GmbH  
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Page  
1/1