

# TECHNICAL DATA

|  |  |
|--|--|
| <b>Mechanical and electrical characteristics</b> |  |
| Interface connector                              | RJ45 Cat. 5e per EIA/TIA-568-B2  |
| Lock mechanism                                   | Bayonet socket connector per IEC 61076-3-106   |
| IP Degree of protection                          | IP67   |
| Temperature range                                | -40°C to + 85°C  |
| Strength of current                              | 1.2 A max. to 25°C   |
| Voltage  | 100 VDC  |
| Contact resistance                               | 20 mΩ max.   |
| Insulation resistance                            | 500 mΩ min.  |
| Electric strength contact to contact             | 1000 VDC/60 sec.   |
| Electric strength contact to metal Housing       | 1500 VDC/60 sec.   |
| <b>Materials</b>                                 |  |
| Housing  | PBT (black) or ABS metallized (nickel plated), flame protection per UL 94-V0                                   |
| Fastening nut                                    | Brass nickel plated  |
| Housing sealing                                  | Silicone (white)   |
| RJ45 Socket metal housing                        | Copper alloy, nickel plated  |
| RJ45 Socket and plug connector plastic housing   | PBT (black), flame protection per UL 94-V0   |
| RJ45 Socket and plug contacts                    | Phosphor bronze, gold plated   |
| Connector housing                                | PBT (black) or ABS metallized (nickel plated), flame protection peer UL 94-V0                                  |
| Metal socket coupling ring                       | PBT (black) or ABS metallized (nickel plated), flame protection per UL 94-V0, or zinc die-cast (nickel plated) |
| Cable termination                                | PBT (black) or brass nickel plated, flame protection per UL 94-V0  |
| Cable seal                                       | NBR (black)  |
| Interface seal                                   | Silicone (white)   |
| RJ45 plug connector metal housing                | Copper alloy, nickel plated  |
| Protection cap                                   | PBT (black) or ABS metallized (nickel plated), flame protection per UL 94-V0                                   |
| Seal   | Silicone (red)   |
| Protection cap                                   | PE (black)   |

Technical alterations are subject to change without notice.