

# TECHNICAL DATA

Mechanical and electrical characteristics	
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.
Materials	
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.