

TrueNet®

Industrial Outlet IP67/65



The TrueNet® industrial outlet from ADC KRONE allows the installation of RJ45 based Ethernet connections in extreme environmental conditions, such as industrial production facilities, outdoor or rooms with high security requirements.

The industrial outlet offers protection according to IP67/65 against humidity, steam and dust as well as resistance against harsh environments or unauthorised access, combined with quick installation and simple operation.

Features:

- Robust housing suitable for extreme environments
- Protection class in accordance with IP67 and IP65 connected and unconnected
- Automatic cover for RJ45 inputs
- Mechanic access protection possible
- Two shielded Category 6 RJ45 KM8® connections per outlet with anti-vibration support
- Cabling from top or bottom
- Waterproof label on the cover
- Flammability class UL-V0, halogen free
- Available in white and black

Benefits:

- Simple quick and secure installation
- Polycarbonate shell makes the outlet suitable for outdoor installations
- No special tool for the termination of the KM8® RJ45 necessary

TECHNICAL DATA



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Technical Specifications

Electrical properties

Type of socket: ADC KRONE Category 6 KM8® RJ45, shielded
 Electrical characteristics: Category 6 according to ISO/IEC 11801:2002, EN 50173-1:2002 and TIA/EIA 568B.2

Mechanical Characteristics

Mechanical stability: Tested in accordance with IEC 60512-2/-4/-5/-6/-8
 Protection class: IP67 and IP65 in accordance with EN 60529
 Cable entry: Metric screws M16, cable diameter: 6-9 mm
 Plug interface: Push-pull connection
 Colours: White (similar to RAL 9010)
 Black (similar to RAL 9011)
 Dimensions: (HxWxD) 150x90x70 mm
 Weight: empty 260g with KM8® jacks 320g
 Temperature range: -20°C to +75°C

Material

Housing: Polycarbonate V0, halogen free

Environmental characteristics

RoHS compliant
 EMC in accordance with EN 55022 Class B

Ordering Information

Description	Catalogue Number
IP67/65 KM8 RJ45 Industrial Outlet Push Pull, Category 6 2xKM8, STP, black	6690 1 860-10
IP67/65 KM8 RJ45 Industrial Outlet Push Pull, Category 6 2 x KM8, STP, white	6690 1 860-20
KM8 RJ45 Connection cord, RJ45 IP20 to RJ45 IP20, S/FTP, LSZH, for use in IP20 environments, grey ,1m	6830 2 867-04
KM8 RJ45 Connection cord, RJ45 IP20 to RJ45 IP20, S/FTP, LSZH, for use in IP20 environments, grey ,2m	6830 2 867-07
KM8 RJ45 Connection cord, RJ45 IP20 to RJ45 IP20, S/FTP, LSZH, for use in IP20 environments, grey ,3m	6830 2 867-10
KM8 RJ45 Connection cord, RJ45 IP20 to RJ45 IP20, S/FTP, LSZH, for use in IP20 environments, grey ,5m	6830 2 867-15
RJ45 connection cord, RJ45 IP67/65 push-pull to RJ45 IP20 S/FTP, LSZH, for use in IP54 environments, red	6850 1 102-XX*
RJ45 connection cord, RJ45 IP67/65 push-pull to RJ45 IP20 S/FTP, LSZH, for use in IP54 environments, green	6850 1 104-XX*
RJ45 connection cord, on both sides with RJ45 IP67/65 push-pull S/FTP, LSZH, for use in IP54 and IP67/65 environments, red	6850 1 202-XX*
RJ45 connection cord, on both sides with RJ45 IP67/65 push-pull S/FTP, LSZH, for use in IP54 and IP67/65 environments, green	6850 1 204-XX*

*Replace XX with:
 10 = 3 m
 15 = 5 m
 33 = 10 m
 49 = 15 m
 66 = 20 m

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