

Connection Cable

M12 × 1; 8-pin - RJ45; 8-pin

ZCYV005

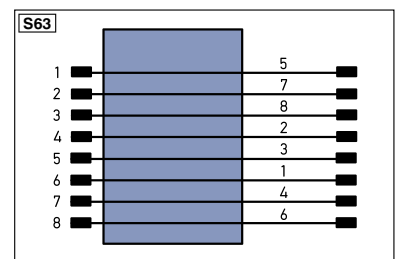
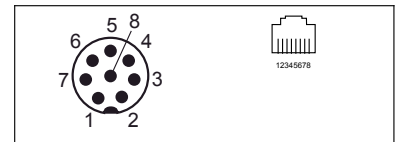
Part Number



Technical Data

| Mechanical Data | |
|--------------------------|----------------------|
| Connection 1 | Plug, angled |
| Connection mode 1 | M12 × 1, 8-pin |
| Connection 2 | Plug, straight |
| Connection mode 2 | RJ45, 8-pin |
| Cable Length | 5 m |
| Outside diameter (d) | 6,4 mm |
| Wire cross-section | 0,14 mm ² |
| Degree of Protection | IP67 |
| Temperature Range | -25...60 °C |
| Cable Jacket Material | PUR |
| Material Wire Insulation | PE |
| Material Sleeve Nut | CuZn, nickel-plated |
| Category | CAT 5E |
| Screened | yes |
| Halogen-free | yes |
| Packaging unit | 1 Piece |
| Connection Diagram No. | S63 |
| Connection Equipment No. | 88 |

- Plug M12 × 1, angled
- Plug RJ45, 8-pin



| Legend | | | | | |
|-----------------------|--|------------------|--------------------------------|------------------------------------|---------------------|
| + | Supply Voltage + | PT | Platinum measuring resistor | EN _{A&B&Z} | Encoder A/A (TTL) |
| - | Supply Voltage 0 V | nc | not connected | EN _{B&A&Z} | Encoder B/B (TTL) |
| ~ | Supply Voltage (AC Voltage) | U | Test Input | EN _A | Encoder A |
| A | Switching Output (NO) | Ü | Test Input inverted | EN _B | Encoder B |
| Ä | Switching Output (NC) | W | Trigger Input | AMIN | Digital output MIN |
| V | Contamination/Error Output (NO) | W- | Ground for the Trigger Input | AMAX | Digital output MAX |
| ∇ | Contamination/Error Output (NC) | O | Analog Output | ACK | Digital output OK |
| E | Input (analog or digital) | O- | Ground for the Analog Output | SY In | Synchronization In |
| T | Teach Input | BZ | Block Discharge | SY OUT | Synchronization OUT |
| Z | Time Delay (activation) | AWV | Valve Output | Out | Brightness output |
| S | Shielding | a | Valve Control Output + | M | Maintenance |
| RxD | Interface Receive Path | b | Valve Control Output 0 V | rsv | reserved |
| TxD | Interface Send Path | SY | Synchronization | Wire Colors according to IEC 60757 | |
| RDY | Ready | SY- | Ground for the Synchronization | BK | Black |
| GND | Ground | E+ | Receiver-Line | BN | Brown |
| CL | Clock | S+ | Emitter-Line | RD | Red |
| E/A | Output/Input programmable | ± | Grounding | OG | Orange |
| IO-Link | IO-Link | S _n R | Switching Distance Reduction | YE | Yellow |
| PoE | Power over Ethernet | Rx+/- | Ethernet Receive Path | GN | Green |
| IN | Safety Input | Tx+/- | Ethernet Send Path | BU | Blue |
| OSSD | Safety Output | B _{us} | Interfaces-Bus A(+)/B(-) | VT | Violet |
| Signal | Signal Output | La | Emitted Light disengageable | GY | Grey |
| BI-D+/- | Ethernet Gigabit bidirect. data line (A-D) | Mag | Magnet activation | WH | White |
| EN _{0-pulse} | Encoder 0-pulse 0-0 (TTL) | RES | Input confirmation | PK | Pink |
| | | EDM | Contactors Monitoring | GNYE | Green/Yellow |