Industrial Ethernet Switches for PROFINET or Ethernet/IP Applications

0982 EEC 100

5 Port (unmanaged switch)
Ethernet-Switch, IP 67, 5-port switch for 10 and 100 Mbaud transmission rates, M12 socket 4 poles D coding, M12 power supply 5 poles standard coding.

Pin Assignment

<table>
<thead>
<tr>
<th>M12 Socket</th>
<th>Power supply M12</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 = TD+</td>
<td>1 = 24 V</td>
</tr>
<tr>
<td>2 = RD+</td>
<td>2 = n.c.</td>
</tr>
<tr>
<td>3 = TD-</td>
<td>3 = GND (0 V)</td>
</tr>
<tr>
<td>4 = RD-</td>
<td>4 = n.c.</td>
</tr>
<tr>
<td>5 = shield</td>
<td>5 = earth</td>
</tr>
</tbody>
</table>
Be Certain with Belden

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### Technical Data

#### Environmental
- Degree of protection: IP 67
- Operating temperature range: 0°C (32°F) to +60°C (+140°F)

#### Mechanical
- Weight: 210 g
- Housing material: PUR

#### Switch Functionality
- Mode of operation: Store and forward
- Number of storable addresses: 1000
- Aging time: 300 s
- Tagging: EtherNet telegrams with VLAN tag field are transmitted unchanged

#### Ethernet Ports
- Mode of operation: 10BASE-T / 100BASE-TX
- Data transmission rate: 10 Mbit/s and 100 Mbit/s
- Cable type: Twisted Pair (TP/TX) or star quad, CAT 5, shielded
- Number of ports: 5
- Length of a TP segment: 100 m
- Link control: yes
- Autopolarity: yes
- Autonegotiation: yes
- Autocrossing: yes
- Channel status indicator: LED green per port

#### Electronics Power Supply
- Mode of operation: PWR
- Rated voltage: 24 V DC
- Voltage range: 18–30 V DC
- Power consumption: 2.4 W
- Reverse polarity protection: yes
- Indication: LED green

#### Included in delivery/accessories
- Dust covers M12: 2 pieces
- Attachable labels: 10 pieces

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The application of these products in harsh environments should always be checked before use.
Specifications subject to alteration.