

**INDUSTRIAL COMPONENT DATA**

# 7000-51001-7900030 MURRELEKTRONIK M12 male 0° / male 0° shielded X-cod. Gigabit PUR 4x2xAWG26 shielded gn UL..

Brand: MURRELEKTRONIK | Manufacturer Part Number: 7000-51001-7900030



|                 |                       |
|-----------------|-----------------------|
| Manufacturer    | MURRELEKTRONIK        |
| MPN / Reference | 7000-51001-7900030    |
| Catalog number  | 7000-51001-7900030    |
| Category        | Connectors with cable |
| Minimum order   | 1 unit                |
| Document ID     | EO-CC4B692298         |
| Generated       | 2026-08-06            |

## Product Overview

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**STRUCTURED PRODUCT DATA**

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

Catalog path      MURRELEKTRONIK &gt; Connectors with cable

## Additional Product Information

Ethernet CAT6A

Male straight - male straight

M12 - M12, 8-pole

X-coded

shielded

Transmission properties with channel transmission up to 50 m

Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

The resistance to aggressive media should be individually tested for your application. Further details on request.

\* only for products with UL/CSA approved cable

FormForm 51001

Technical DataOperating voltage max. 50 V AC/60 V DC

Operating voltage (only UL listed) 30 V AC/DC

Rated surge voltage 1.5 kV

Operating current per contact max. 0.5 A  
No. of poles 8  
Transfer parameters CAT6, Class EA (ISO/IEC 11801:2002), (EN 50173-1)  
Transfer rate 10 Gbit/s  
Material group IEC 60664-1, category I  
Coding X-coded  
LED display no  
Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing  
Protection IP65 and IP67 when plugged and screwed down (EN 60529)  
Material PUR  
Locking material Zinc die casting, matte nickel plated  
suitable for corrugated tube (internal Ø) without  
Compression gland M12 (SW13)  
General data Standards DIN EN 61076-2-109 (M12)  
Mounting method inserted, tightened  
Material (contact) Copper alloy  
Material (contact surface) Au  
Pollution Degree 3  
Temperature range -25...+85 °C, depending on cable quality  
Cables Cable identification 790  
Approval (cable) cURus (AWM-Style 20549/10532); CE conform  
Cable weight [g/m] 52,8 g  
Material (wire) Cu wire, bare  
Resistor (core) max. 143 ?/km (20 °C)  
Single wire Ø (core) 0.16 mm  
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## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send MURRELEKTRONIK / 7000-51001-7900030 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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