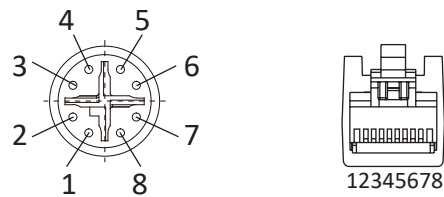


ARTICLE PROPERTIES

<b>ARTICLE NUMBER</b>	E26XB8*MXXX
<b>SHAPE TYPE 1</b>	Female, M12, straight
<b>SHAPE TYPE 2</b>	Male, RJ45, straight
<b>NUMBER OF PINS</b>	8
<b>INTERFACE TYPE</b>	X



MECHANICAL DATA

<b>LOCKING</b>	<b>M12:</b> union nut, SW13 <b>RJ45:</b> Snap-in connector
<b>MATERIAL LOCKING</b>	<b>M12:</b> brass zine nickel plating <b>RJ45:</b> PC
<b>TIGHTENING TORQUE LOCKING</b>	0,6 Nm
<b>MATERIAL GRIP</b>	PUR
<b>SYSTEM</b>	moulded
<b>WIRES</b>	4 x 2 twisted pairs

ELECTRICAL DATA

<b>OPERATING VOLTAGE</b>	60 V DC
<b>RATED CURRENT</b>	0,5 A
<b>OPTICAL SHIELD COVER</b>	≥ 85 %
<b>SHIELDING</b>	shielded
<b>TIA/EIA GRADE</b>	Ethernet CAT 6a
<b>TRANSFER RATE</b>	1000 Mbit/s

ENVIRONMENTAL CONDITIONS

<b>PROTECTION CLASS</b>	IP67/IP20 inserted and tightened
<b>AMBIENT TEMPERATURE</b>	-30 ... 90 °C

SUPPORT



APPROVALS



GENERAL CABLE PROPERTIES

**THERMAL RESISTANCE (ONLY FOR PUR PRODUCT)** according to UL FT2

**PROTECTION CLASS** according to IEC 60529 or ISO 20653, only when screwed together with the corresponding counterpart

CABLE LENGTHS X

All cable lengths are available on request. **EXAMPLE:**  
 cable lengths 0,5 m -> E26XB8\*M005  
 cable lengths 10 m -> E26XB8\*M100

TOLERANCE CABLE LENGTHS

0 m < X ≤ 1,0 m +0,05 m  
 1,0 m < X ≤ 5,0 m +0,1 m  
 5,0 m < X +0,15 m

CABLE VARIANTS AND ASSIGNMENT OF WIRE INSULATION COLOR

Article number cable /*	material jacket	color jacket	wire insulation	wire cross-section	cable-jacket-Ø	temperature range	bending cycles	Pin variant
604	PVC	grey	PE	4 x 2 x 26 AWG	6.2±0.3 mm	-40 °C ... 80 °C	no	1
607	PVC	green	PE	4 x 2 x 26 AWG	6.2±0.3 mm	-40 °C ... 80 °C	no	1
605	PUR	blue	PE	4 x 2 x 26 AWG	6.6±0.3 mm	-40 °C ... 80 °C	no	1
608	PUR	black	PE	4 x 2 x 26 AWG	6.6±0.3 mm	-40 °C ... 80 °C	no	1
609	PUR	green	PE	4 x 2 x 26 AWG	7.3±0.3 mm	-40 °C ... 80 °C	≥ 5 Million	1
632	TPE	teal	PE	4 x 2 x 26 AWG	7.4±0.3 mm	-40 °C ... 80 °C	≥ 5 Million	1

	Pin variant	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8
	1	white/orange	orange	white/green	green	white/brown	brown	white/blue	blue
	1	white/orange	orange	white/green	blue	white/blue	green	white/brown	brown

The information contained in this data sheet was compiled with the greatest possible care. Liability for correctness, completeness and topicality is limited to gross negligence.  
 ELCO Industrie Automation GmbH | Zentrale Europa | Benzstraße 7 | 71720 Oberstenfeld / Germany | Phone +49 7062 6599-260 | EN | Creation date: 28.08.25 | DS\_C\_E26XB8\_V1.1\_EN