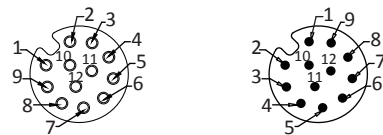


ARTICLE PROPERTIES

<b>ARTICLE NUMBER</b>	CBO12.12-X-CB12.12/WS/*
<b>SHAPE TYPE 1</b>	Female, M12, angled
<b>SHAPE TYPE 2</b>	Male, M12, angled
<b>NUMBER OF PINS</b>	12
<b>INTERFACE TYPE</b>	A



MECHANICAL DATA

<b>LOCKING</b>	union nut, SW13, vibration lock
<b>MATERIAL LOCKING</b>	Zinc die casting, nickel plated
<b>TIGHTENING TORQUE LOCKING</b>	0,6 Nm
<b>MATERIAL GRIP</b>	PUR
<b>SYSTEM</b>	moulded

ELECTRICAL DATA

<b>OPERATING VOLTAGE</b>	30 V DC / 30 V AC
<b>RATED CURRENT</b>	1,5 A
<b>INSULATION RESISTOR</b>	> 100 MΩ
<b>POLLUTION DEGREE</b>	3
<b>SHIELDING</b>	shielded

ENVIRONMENTAL CONDITIONS

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

APPROVALS



**GENERAL CABLE PROPERTIES**

**CABLE CONSTRUCTION (ONLY FOR PUR PRODUCT)** according to UL-AWM Style 20549  
**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 -> CBO12.12-**0.5**-CB12.12  
 cable lengths 10 m -> CBO12.12-**10**-CB12.12

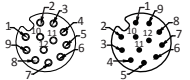
**TOLERANCE CABLE LENGTHS**

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
/P	PUR	grey	PP	12 x 0.25 mm <sup>2*</sup>	8±0.2 mm	-40 °C ... 80 °C	≥ 5 Million	1

\* similar to AWG 24

	Pin variant	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8	Pin 9	Pin 10	Pin 11	Pin 12
	1	brown	blue	white	green	pink	yellow	black	grey	red	violet	grey / pink	red / blue