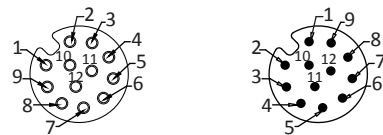


ARTICLE PROPERTIES

ARTICLE NUMBER	CBO12.12-X-C12.12/*
SHAPE TYPE 1	Female, M12, angled
SHAPE TYPE 2	Male, M12, straight
NUMBER OF PINS	12
INTERFACE TYPE	A



MECHANICAL DATA

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

ELECTRICAL DATA

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

ENVIRONMENTAL CONDITIONS

PROTECTION CLASS	IP67 inserted and tightened
AMBIENT TEMPERATURE	-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**-C12.12
 cable lengths 10 m -> CBO12.12-**10**-C12.12

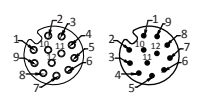
TOLERANCE CABLE LENGTHS

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
	PVC	grey	PVC	12 x 0.25 mm ² *	8±0.2 mm	-40 °C ... 80 °C	no	1
/P	PUR	grey	PP	12 x 0.25 mm ² *	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