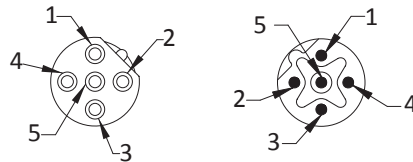


ARTICLE PROPERTIES

ARTICLE NUMBER	BB5S30*MXXX
SHAPE TYPE 1	Female, M12, straight
SHAPE TYPE 2	Male, M12, straight
NUMBER OF PINS	2
INTERFACE TYPE	B



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	250 V DC / 250 V AC
RATED CURRENT	4,0 A
POLLUTION DEGREE	3
SHIELDING	shielded
WIRES	twisted pair

ENVIRONMENTAL CONDITIONS

PROTECTION CLASS	IP67 inserted and tightened
AMBIENT TEMPERATURE	-30 ... 80 °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 -> BB5S30*M005
 cable lengths 10 m -> BB5S30*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
PP4	PVC	violet	FRFPE	2x22 AWG	8.0±0.4 mm	-30 °C ... 75 °C	no	1
PP6	PVC	violet	FRFPE	2x22 AWG	8.0±0.4 mm	-30 °C ... 75 °C	no	1
PP8	PUR	blue	PE	2x23 AWG	8.5±0.4 mm	-40 °C ... 80 °C	≥5 million	1

Pin variant	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	
	1	n/c	green	n/c	red	shield