



ARTICLE PROPERTIES

ARTICLE NUMBER	E11DA4*MXXX
SHAPE TYPE 1	Male, M12, straight
SHAPE TYPE 2	Male, M12, straight
NUMBER OF PINS	4
INTERFACE TYPE	D



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
WIRES	1 x 4 star-quad

ELECTRICAL DATA

OPERATING VOLTAGE	60 V DC
RATED CURRENT	4,0 A
OPTICAL SHIELD COVER	≥ 85 %
SHIELDING	shielded
TIA/EIA GRADE	Ethernet CAT 5e
TRANSFER RATE	10/100 Mbit/s

ENVIRONMENTAL CONDITIONS

PROTECTION CLASS	IP67 inserted and tightened
AMBIENT TEMPERATURE	-40 ... 80 °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 -> E11DA4*M005
 cable lengths 10 m -> E11DA4*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
002	PVC	green	PE	1 x 4 x 22 AWG	6.5±0.2 mm	-40 °C ... 75 °C	no	1
003	PUR	green	PE	1 x 4 x 22 AWG	6.5±0.2 mm	-40 °C ... 80 °C	≥ 5 Million	1
009	PUR	green	PE	1 x 4 x 26 AWG	4.9±0.2 mm	-40 °C ... 80 °C	≥ 5 Million	1

	Pin variant	Pin 1	Pin 2	Pin 3	Pin 4
	1	yellow	white	orange	blue