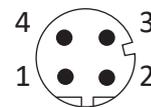
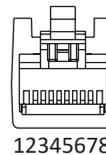


ARTICLE PROPERTIES

ARTICLE NUMBER	E16DA4*MXXX
SHAPE TYPE 1	Male, RJ45, straight
SHAPE TYPE 2	Male, M12, straight
NUMBER OF PINS	4
INTERFACE TYPE	RJ45, D



MECHANICAL DATA

LOCKING	RJ45: Snap-in connector M12: union nut, SW13, vibration lock
MATERIAL LOCKING	RJ45: PC M12: Zinc die casting, nickel plated
TIGHTENING TORQUE LOCKING M12	0,6 Nm
MATERIAL GRIP	PUR
SYSTEM	moulded, assambled
WIRES	1 x 4 star-quad

ELECTRICAL DATA

OPERATING VOLTAGE	60 V DC
RATED CURRENT	1,5 A
OPTICAL SHIELD COVER	≥ 85 %
SHIELDING	shielded
TIA/EIA GRADE	Ethernet CAT 5e
TRANSFER RATE	10/100 Mbit/s

ENVIRONMENTAL CONDITIONS

PROTECTION CLASS	IP20/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 -> E16DA4*M005

cable lengths 10 m -> E16DA4*M100

TOLERANCE CABLE LENGTHS

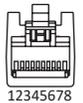
0 m < X ≤ 1,0 m +0,05 m

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
033	PUR	grey	PE	1 x 4 x 22 AWG	6.5±0.2 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	yellow	orange	white	n/c	n/c	blue	n/c	n/c
	1	yellow	white	orange	blue				

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.
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