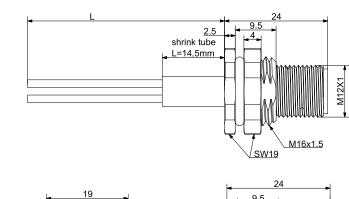
# DATA SHEET F12.4-X/\*/M16

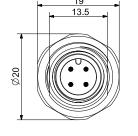
## V1.0

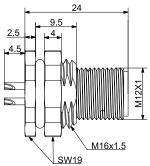


#### with wires



#### with solder contacts





#### ARTICLE PROPERTIES

ARTICLE NUMBER	F12.4-X/*/M16
SHAPE TYPE 1	Male, M12
SHAPE TYPE 2	solder contacts/wires
NUMBER OF PINS	4
INTERFACE TYPE	А
INSTALLATION TYPE	rear panel installation



#### MECHANICAL DATA

LOCKING	nut, M16 (included in delivery)
MATERIAL LOCKING	brass zine nickel plating
TIGHTENING TORQUE LOCKING	0,6 Nm
MATERIAL HOUSING	brass zine nickel plating
SYSTEM	moulded

#### ELECTRICAL DATA

RATED VOLTAGE	250 V DC
RATED CURRENT	4,0 A
POLLUTION DEGREE	3

#### ENVIRONMENTAL CONDITIONS

PROTECTION CLASS	IP67 inserted and tightened
AMBIENT TEMPERATURE	-25 90 °C

#### APPROVALS



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### V1.0



GENERAL WIRE PROPERTIES	
WIRE CONSTRUCTION	according to UL-AWM Style 20549
THERMAL RESISTANCE	according to UL FT2
PROTECTION CLASS	according to IEC 60529 or ISO 20653, only when screwed together with the corresponding counterpart

#### WIRE LENGHTS X

K		TOLERANCE WIRE LENGTHS		
X = 0	connection type: solder contacts	0 m < X ≤ 1,0 m	+0,05 m	
		1,0 m < X ≤ 5,0 m	+0,1 m	
X = 0.2	connection type: wires with length 0.2 m	5,0 m < X	+0,15 m	

All wire lengths are available on request.

#### EXAMPLE:

wire lengths 0.2 m -> F12.4-0.2/\*/M16 wire lengths 1 m -> F12.4-1/\*/M16

#### CONNECTION VARIANTS AND ASSIGNMENT OF WIRE INSULATION COLOR

Article number wire /*	color jacket	wire insulation	wire cross-section	wire-Ø	temperature range	Pin variant
	brown, white, blue, black	PVC	4 x 0.34 mm²*	1.6 mm	-20 °C 80 °C	1
/PP	brown, white, blue, black	РР	4 x 0.34 mm²*	1.5 mm	-20 °C 80 °C	1

\* similar to AWG 22

Pin variant	Pin 1	Pin 2	Pin 3	Pin 4
1	brown	white	blue	black

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