

Product characteristics

Y connection cable

M12-plug / 2x M8-socket

Free from silicone

Free from halogen

Gold-plated contacts

For welding applications

Electrical data

Electrical design

AC/DC

Operating voltage [V]

50 AC / 60 DC

Current rating [A]

3

Protection class

III

Environment

Ambient temperature [°C]

-25...90, cULus: max. 75 °C

Ambient temperature (moving) [°C]

-25...90, cULus: max. 75 °C

Protection

IP 65 / IP 67 / IP 68 / IP 69K

Tests / approvals

Vibration resistance

EN 60068-2-6 Fc

20 g (10...3000 Hz) / -20°C and 50°C

50 cycles per frequency, 1 octave per minute in each of 3 mutually perpendicular axes

Shock resistance

EN 60068-2-27 Ea

100 g (11 ms half sine; 3 shocks in each direction along the three coordinate axes) / -40°C and 85°C

Continuous shock resistance

EN 60068-2-29 Eb

40 g (6 ms; 4000 shocks in each direction along the three coordinate axes) / -20°C and 50°C

Fast temperature changes

EN 60068-2-14 Na

TA = -40°C; TB = 85°C; t1 = 30 min; t2 = < 10 s; 50 cycles

Salt spray test

EN 60068-2-52 Kb

severity level 5 (4 test cycles)

Mechanical data

Design

2 way

Material body

plug: TPU orange; Socket: TPU orange; sealing: Viton

Material nut

stainless steel 316L / 1.4404

Tightening torque for knurled nut [Nm]

plug: 0.6...1.5\* / socket: 0.3...0.5

Drag chain suitability

Bending radius for flexible applications:

min. 10 x cable diameter  
max. 3.3 m/s for a horizontal travel length of 5 m and max. acceleration of 5 m/s<sup>2</sup>

Travel speed:

5 m/s<sup>2</sup>

Bending cycles:

> 2 million

Torsional strain:

± 180 °/m

Weight [kg]

0.036

# EVM064 - Y connection cable - eclass: 27279201 / 27-27-92-01

Electrical connection

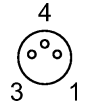
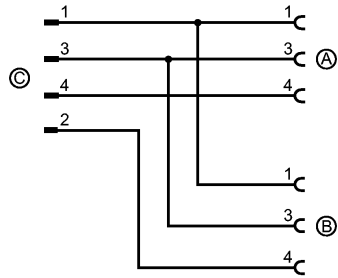
Connection

PUR cable / 0.12 m;  
3 x 0.25 mm<sup>2</sup> (32 x Ø 0.1 mm); Ø 3.7 mm; halogen-free

Sheath colour

black

## Wiring



Remarks

Remarks

\*) Take into account the maximum value of the counterpart!  
without label holders

Pack quantity

[piece]

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