

no longer available - archive entry replaced by: EVC004

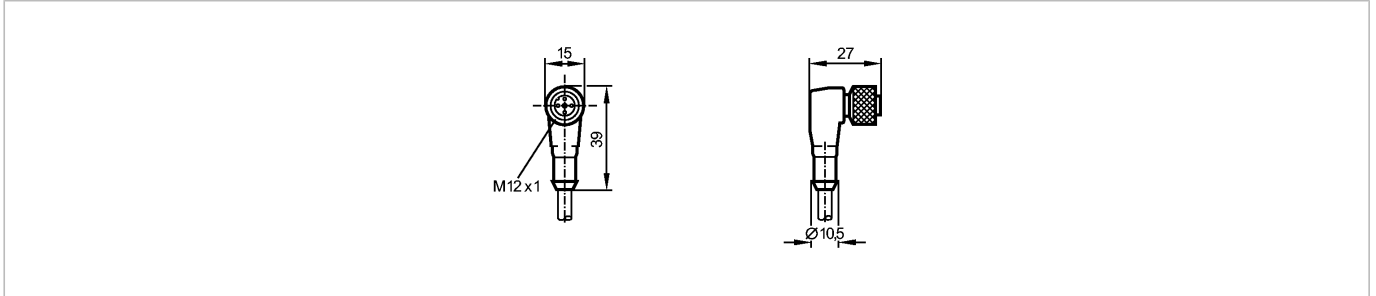
ecomat 400

E10900



ADOAH040MSS0002H04

Connection technology



Product characteristics

Socket

For sensors with

M12 connector

Free from silicone

Free from halogen

gold-plated contacts

Electrical data

Electrical design

Operating voltage [V]

Current rating [A]

Environment

Ambient temperature [°C]

Protection

Tests / approvals

Vibration resistance

Shock resistance

Continuous shock resistance

Fast temperature changes

Salt spray test

Mechanical data

Design

Material body

Material nut

Tightening torque for knurled nut [Nm]

Weight [kg]

Electrical connection

Connection

Sheath color

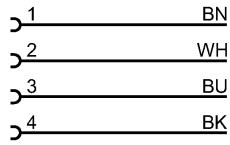
Wiring

| | AC/DC |
|--|--|
| Operating voltage [V] | 250 AC / 300 DC |
| Current rating [A] | 4 |
| Ambient temperature [°C] | -40...90 |
| Protection | IP 67 / IP 68 / IP 69K |
| 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) |
| Design | angled |
| Material body | TPU (urethane) |
| Material nut | brass; nickel-plated |
| Tightening torque for knurled nut [Nm] | 0.5 |
| Weight [kg] | 0.078 |
| Connection | PUR cable / 2 m; 4 x 0.34 mm ² (43 x Ø 0.1 mm); Ø 4.7 mm; halogen-free |
| Sheath color | black |

E10900 - Socket - eclass: 27279201 / 27-27-92-01

Core colors

BK black
BN brown
BU blue
WH white



Remarks

Pack quantity [piece] 1

ifm efector, inc. • 1100 Atwater Drive • Malvern • PA 19355 — We reserve the right to make technical alterations without prior notice. — US — E10900 — 12.01.2004
no longer available - archive entryreplaced by: EVC004