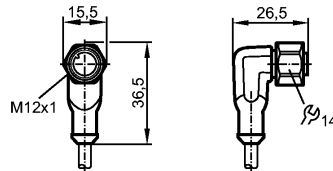




ADOAH040VAS0005H04

Connection technology



Product characteristics

Socket	
For sensors with	
M12 connector	
Free from silicone	
Free from halogen	
gold-plated contacts	
For applications in particularly harsh environments	

Electrical data		AC/DC
Electrical design		
Operating voltage [V]		250 AC / 300 DC
Current rating [A]		4
Protection class		II
Environment		
Ambient temperature [°C]		-40...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	angled	
Material body	housing: TPU (urethane) orange; sealing: Viton	
Material nut	stainless steel 316L / 1.4404	
Tightening torque for knurled nut [Nm]	0.6...1.5	
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 ²
	Travel speed:	5 m/s ²
	Bending cycles:	> 5 million
	Torsional strain:	± 180 °/m

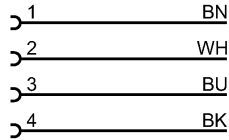
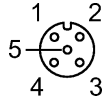
EVM005 - Socket - eclass: 27279201 / 27-27-92-01

Weight	[kg]	0.175
Electrical connection		
Connection		PUR cable / 5 m; 4 x 0.34 mm ² (42 x Ø 0.1 mm); Ø 4.9 mm; halogen-free
Sheath color		black

Wiring

Core colors

- BK black
- BN brown
- BU blue
- WH white



Remarks		
Pack quantity	[piece]	1