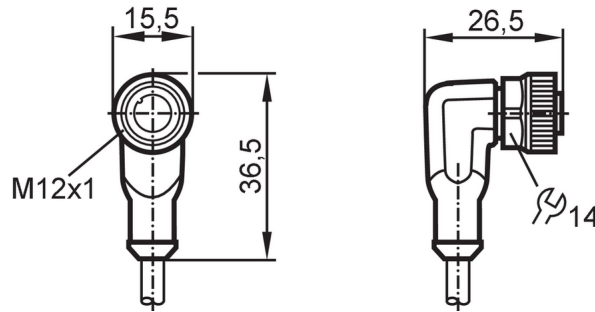


Female cordset

ADOAH040MSS0020H04

Please see the technical note under "Downloads"



Application		
Special feature	Free from silicone; Halogen-free; gold-plated contacts; Drag chain suitability	
Application	Industrial applications; Oils and coolants	
Free from silicone	yes	
Electrical data		
Operating voltage	[V]	< 250 AC / < 300 DC
Protection class	II	
Max. current load total	[A]	4
Operating conditions		
Ambient temperature	[°C]	-25...90
Note on ambient temperature	cULus: ...75	
Ambient temperature (moving)	[°C]	-25...90
Note on ambient temperature (moving)	cULus: ...75	
Storage temperature	[°C]	-25...55
Storage humidity	[%]	10...100
Other climatic conditions for storage according to stated class	1K22/ DIN 60721-3-1	
Protection	IP 65; IP 67; IP 68; IP 69K	
Mechanical data		
Weight	[g]	548.9
Dimensions	[mm]	26.5 x 15.5 x 36.5
Molded-body material	TPU (urethane)	
Material nut	brass, nickel-plated	
Sealing material	FKM	
Drag chain suitability	yes	
Drag chain suitability	Bending radius for flexible applications	min. 10 x cable diameter
	Travel speed	max. 3.3 m/s for a horizontal travel length of 5 m and max. acceleration of 5 m/s²
	Bending cycles	> 5 Mio.
	Torsional strain	± 180 °/m



Female cordset

ADOAH040MSS0020H04

Remarks	
Notes	Please see the technical note under "Downloads"
Pack quantity	1 pcs.

Electrical connection
Cable: 20 m, PUR, Halogen-free, black, Ø 4.3 mm; 4 x 0.34 mm ² (42 x Ø 0.1 mm)

Electrical connection - Socket
Connector: 1 x M12, angled; coding: A; Contacts: 4, gold-plated; Moulded body: TPU (urethane), orange; Locking: brass, nickel-plated; sealing: FKM; Tightening torque: 0.6...1.5 Nm

Connection	
BK =	Core colors : black
BN =	brown
BU =	blue
WH =	white

Diagrams and graphs	
Characteristic curve for derating	Derating I_{max} * 0.8 (DIN EN 60512-5-2) X Ambient temperature [°C] Y Current [A]