

Female cordset

ADOAH050SCS0005T05



Application

System	Free from silicone; Halogen-free; gold-plated contacts; Drag chain suitability
Application	welding applications
Free from silicone	yes

Electrical data

Operating voltage [V]	< 60 AC/DC
Protection class	II
Max. current load total [A]	4
Overall current rating (UL) [A]	3

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]	216.3
Dimensions [mm]	26.5 x 15.5 x 36.5

EVW014



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Molded-body material	TPU (urethane)	
Material nut	brass, weld coated	
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/s ²
	Bending cycles	> 2 Mio.
	Torsional strain	± 180 °/m

Remarks

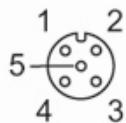
Pack quantity	1 pcs.
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Electrical connection

Cable: 5 m, PUR, Halogen-free, grey, Ø 5.1 mm; not irradiated (can be recycled); resistant to welding sparks; 5 x 0.34 mm² (42 x Ø 0.1 mm)

Electrical connection - Socket

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



Connection

1	BN
2	WH
3	BU
4	BK
5	GY

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

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Diagrams and graphs



Derating $I_{max} * 0.8$ DIN EN 60512-5-2

X Ambient temperature [°C]

Y Current [A]