



Male cordsets

ASTAH030MSS0020H03

Please see the technical note under "Downloads"



Application		
System		Free from silicone; Halogen-free; gold-plated contacts; Drag chain suitability
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
Ambient temperature (moving)	[°C]	-25...90
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]	601
Dimensions	[mm]	30.5 x 15.5 x 36.5
Material		housing: TPU (urethane) orange
Material nut		brass, nickel-plated

# EVC596



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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 <sup>2</sup>
	Bending cycles	> 5 Mio.
	Torsional strain	± 180 °/m

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; 3 x 0.34 mm<sup>2</sup> (42 x Ø 0.1 mm )

### Electrical connection - plug

Connector: 1 x M12, angled; coding: A; Locking: brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm



### Connection

1	BN
3	BU
4	BK

BK = Core colors :  
BN = black  
BU = brown  
BK = blue