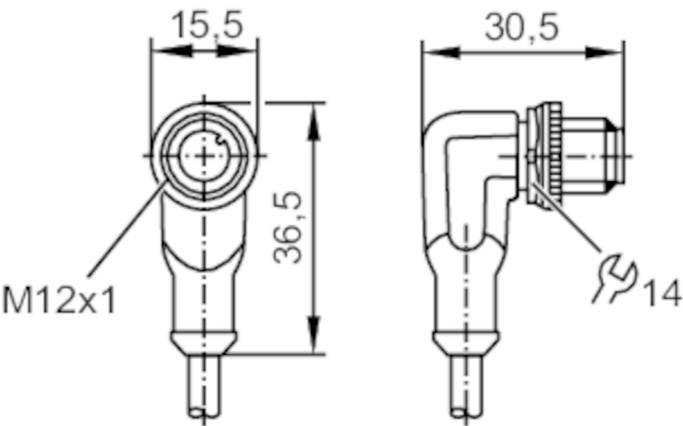




All male cordsets

ASTAH050MSS0005H05

Please see the technical note under "Downloads"



Application		
System		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]	< 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

EVC479



All male cordsets

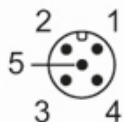
ASTAH050MSS0005H05

Mechanical data		
Weight	[g]	177.3
Dimensions	[mm]	30.5 x 15.5 x 36.5
Molded-body material		TPU (urethane)
Material nut		brass, nickel-plated
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

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

Electrical connection
Cable: 5 m, PUR, Halogen-free, black, Ø 4.6 mm; 5 x 0.34 mm²

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



Connection											
	<table><tr><td>1</td><td>BN</td></tr><tr><td>2</td><td>WH</td></tr><tr><td>3</td><td>BU</td></tr><tr><td>4</td><td>BK</td></tr><tr><td>5</td><td>GY</td></tr></table>	1	BN	2	WH	3	BU	4	BK	5	GY
1	BN										
2	WH										
3	BU										
4	BK										
5	GY										
BK =	Core colors :										
BN =	black										
BU =	brown										
GY =	blue										
WH =	grey										
	white										



All male cordsets

ASTAH050MSS0005H05

Diagrams and graphs



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

X Ambient temperature [°C]

Y Current [A]