

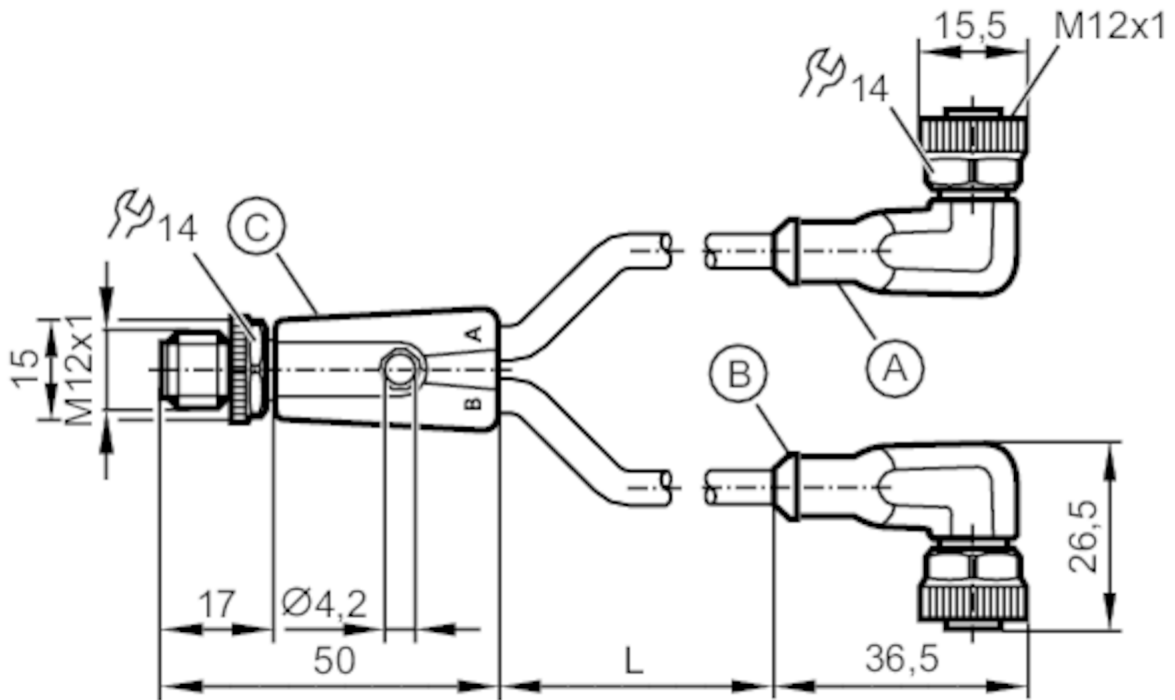
# EVC434



## Y connection cable

YDOAH040MSS0001H04STGH050MSS

Please see the technical note under "Downloads"



A - input cable grey  
C:  
B - octavis cable black  
C:



## Application

System	Free from silicone; Halogen-free; gold-plated contacts; Drag chain suitability
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 °C
Ambient temperature (moving)	[°C]	-25...90
Note on ambient temperature (moving)		cULus: ...75 °C
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



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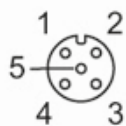
Mechanical data		
Weight	[g]	117.5
Molded-body material		TPU (urethane)
Material nut		brass, nickel-plated
Sealing material		FKM
Number of ports splitter box		2
Drag chain suitability		yes
Drag chain suitability	Bending radius for flexible applications	min. 10 x cable diameter
	Travel speed	max. 3.3 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: 1 m, PUR, Halogen-free, black, Ø 4.3 mm; 4 x 0.34 mm <sup>2</sup> (42 x Ø 0.1 mm )

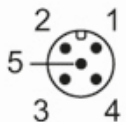
## Electrical connection - Socket

Connector: 2 x M12, angled; coding: A; Moulded body: TPU (urethane), orange; Locking: brass, nickel-plated; sealing: FKM; Contacts: gold-plated; Tightening torque: 0.6...1.5 Nm



## Electrical connection - plug

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





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### Connection

