

## Connecting cable with socket

ADOAH043MSS0015H04

Please see the technical note under "Downloads"



## Application

|                    |                                                                                |
|--------------------|--------------------------------------------------------------------------------|
| Special feature    | Free from silicone; Halogen-free; Gold-plated contacts; Drag chain suitability |
| Free from silicone | yes                                                                            |

## Electrical data

|                             |            |
|-----------------------------|------------|
| Operating voltage [V]       | 10...36 DC |
| Protection class            | II         |
| Max. current load total [A] | 4          |

## Outputs

|                   |     |
|-------------------|-----|
| Electrical design | PNP |
|-------------------|-----|

## 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                |
| Protection                           | IP 65; IP 67; IP 68; IP 69K |

## Tests / approvals

|              |       |
|--------------|-------|
| MTTF [years] | 20027 |
|--------------|-------|

## Mechanical data

|                 |                    |
|-----------------|--------------------|
| Weight [g]      | 412.8              |
| Dimensions [mm] | 26.5 x 15.5 x 36.5 |



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|                        |                                              |                                                                                                |
|------------------------|----------------------------------------------|------------------------------------------------------------------------------------------------|
| Materials              | housing: TPU black transparent; Sealing: FKM |                                                                                                |
| Material nut           | brass, nickel-plated                         |                                                                                                |
| Drag chain suitability | yes                                          |                                                                                                |
| Drag chain suitability | bending radius for flexible use              | 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                                                                                      |

## Displays / operating elements

|         |                  |                 |
|---------|------------------|-----------------|
| Display | switching status | 2 x LED, yellow |
|         | operation        | 1 x LED, green  |

## Remarks

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

## Electrical connection

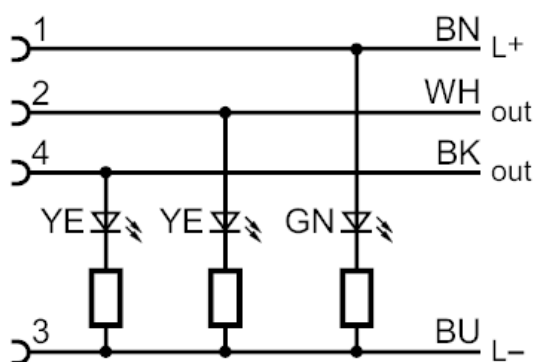
Cable: 15 m, PUR, Halogen-free, black, Ø 4.3 mm; 4 x 0.34 mm<sup>2</sup> (42 x Ø 0.1 mm )

## Electrical connection - socket

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



## Connection



Core colours :

BK = black

BN = brown

BU = blue

WH = white