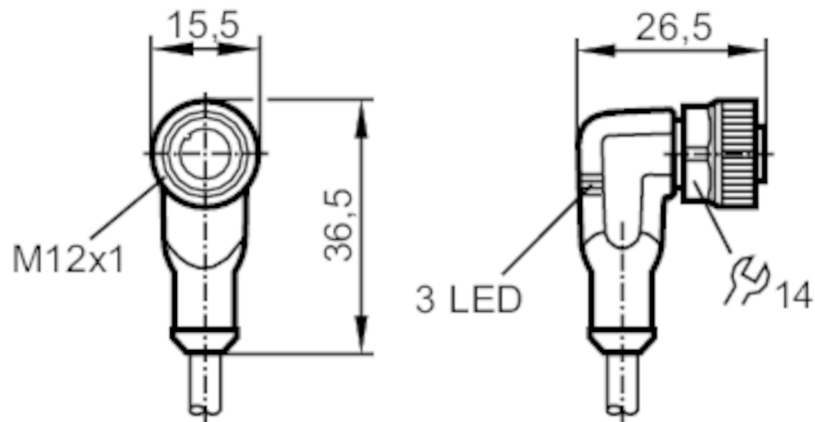




## Connecting cable with socket

ADOAH043MSS0002H04

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 °C             |
| Ambient temperature (moving)         | [°C] | -25...90                    |
| Note on ambient temperature (moving) |      | cULus: ...75 °C             |
| Protection                           |      | IP 65; IP 67; IP 68; IP 69K |

## Tests / approvals

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

## Mechanical data

|            |      |                    |
|------------|------|--------------------|
| Weight     | [g]  | 86                 |
| Dimensions | [mm] | 26.5 x 15.5 x 36.5 |



## Connecting cable with socket

ADOAH043MSS0002H04

|                        |  |  |
|------------------------|--|--|
| 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

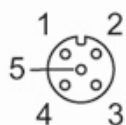
|               |   |  |
|---------------|---|--|
| Notes         | Please see the technical note under "Downloads" |  |
| Pack quantity | 1 pcs.  |  |

## Electrical connection

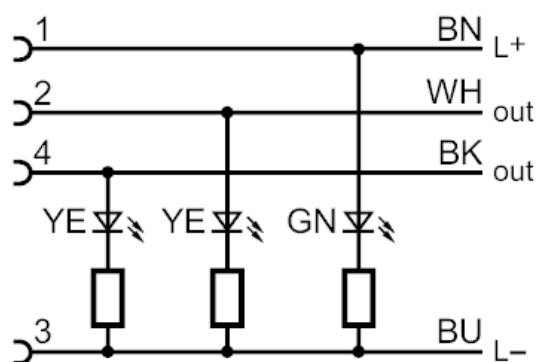
Cable: 2 m, PUR, Halogen-free, black, Ø 4.3 mm; 4 x 0.34 mm<sup>2</sup> (42 x Ø 0.1 mm )

## 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          |