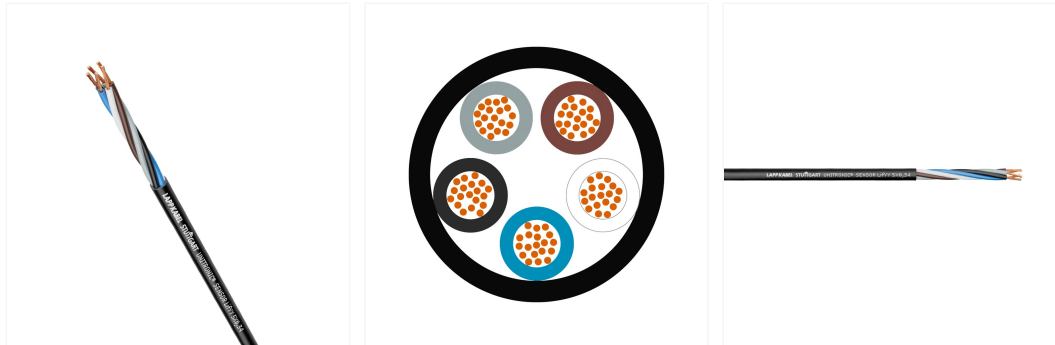


UNITRONIC® SENSOR LifYY A 5x0,34
Article No.: 7038907

Sensor/actuator cable; Flexible; PVC; black


Details
Benefits

- Compact dimensions enable easy integration into the machine concept.

Application

- Can be used universally at machine interfaces for many applications for data and signal transmission in the low-frequency range.
- For fixed installation and occasional flexing.
- Can be used in dry and damp environments.
- Suitable for medium mechanical stress.
- The PVC outer jacket is resistant to acids and alkaline solutions and has limited oil resistance.
- Suitable for outdoor use, subject to the temperature range.

Notes

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

If applicable, the prices are solid metal prices without additional charges and VAT. Sales only to business customers.

Unless specified otherwise, the product values shown are rated values at room temperature. You can receive additional values, such as tolerances, upon request if they are available and have been released for publication.

The absence of PWIS raw materials does not protect against the potential risk of contamination with substances that interfere with the paint wetting during subsequent handling of the product(s) during transport, storage or further processing after delivery.

Remarks

Technical Data

General information

| | |
|-----------------------------------|-----------------------|
| Brand | UNITRONIC® |
| Product type | Sensor/actuator cable |
| Copper index | 107.5 lb/10000 ft |
| valid Fieldbus or Ethernet System | Sensor/Actuator |

Electrical parameters

| | |
|--|-------|
| Maximum operating voltage (not for power transmission) | 300 V |
|--|-------|

Product design

| | |
|--|----------------------|
| LiF-Litz-finewire cables | LiFYY |
| Cable dimension | 5X0.34 |
| Nominal cross section conductor (mm ²) | 0.34 mm ² |
| Leading conductor cross-section | mm ² |
| Conductor material | Bare Copper |
| Conductor design | extra-fine wire |
| Including protective ground | No |
| Number of cores | 5 |
| Stranding type | Bundle Stranding |
| Shielded | No |
| With rodent protection | No |
| Nominal outer diameter | 0.205 in |
| Cable form | Round |
| Core insulation base material | Polyvinylchloride |

| | |
|---|-------------------|
| Conductor insulation basic material, short form | PVC |
| Basic material of outer jacket | Polyvinylchloride |
| Base material of outer sheath, shortname | PVC |
| Outer jacket color | black |
| Core identification | Colors |
| Conductor color code | EN 60947-5-2 |

Product features

| | |
|--|--|
| Application area | Flexible |
| For permanent bending | No |
| For torsional load | No |
| Minimum bending radius, stationary | 5 x outer diameter |
| Minimum bending radius in inch, fixed installation | 1.024 in |
| Minimum bending radius, occasionally moved | 10 x outer diameter |
| Minimum bending radius in mm, occasionally moved | 2.047 in |
| Temperature, fixed installation | -40 °C to 80 °C max. conductor temperature |
| Temperature, occasionally moved | -5 °C to 70 °C max. conductor temperature |
| Flame-retardant | Yes |
| Flame retardance according to | IEC 60332-1-2 UL FT1 UL VW-1 |
| UV-resistant | Yes |
| Halogenfree | No |
| Oil resistant | No |
| PWIS-free | Yes |
| PWIS-free according to | VDMA 24364-B2-L |
| Fast Connect (FC) cable | No |

Certifications and standards

| | |
|--------------------------|--------------------------------|
| CE marking | Yes |
| EAC certified | Yes |
| EAC certification number | EAЭC N RU Д-DE.АЮ64.В.00130/20 |
| UL recognized | No |
| UL listed | No |
| cUR recognized | Yes |
| cUL listed | No |
| CSA certified | No |
| VDE certified | No |
| Ecolab certified | No |

UNITRONIC® SENSOR

| Article No. | Name | Cable dimension | Conductor insulation basic material, short form | Base material of outer sheath, shortname | Conductor design | Shielded | Flame-retardant | UV-resistant | Oil resistant | Nominal outer diameter |
|-------------|-------------------------------------|-----------------|---|--|------------------|----------|-----------------|--------------|---------------|------------------------|
| 0040434 | UNITRONIC® SENSOR P 4X0, 34 DESINA | 4X0.34 | PVC | PUR | extra-fine wire | No | Yes | No | No | 0.205 in |
| 7038861 | UNITRONIC® SENSOR LiFY11Y 4x0,34 BK | 4X0.34 | PVC | PUR | extra-fine wire | No | Yes | Yes | No | 0.189 in |
| 7038862 | UNITRONIC® SENSOR LiFY11Y 5x0,25 BK | 5X0.25 | PVC | PUR | extra-fine wire | No | Yes | Yes | No | 0.193 in |
| 7038898 | UNITRONIC® SENSOR LiFY 3x0,25 | 3X0.25 | PVC | PVC | extra-fine wire | No | Yes | Yes | No | 0.15 in |
| 7038899 | UNITRONIC® SENSOR LiFY 4x0,25 | 4X0.25 | PVC | PVC | extra-fine wire | No | Yes | Yes | No | 0.165 in |
| 7038900 | UNITRONIC® SENSOR LiFY 3x0,34 | 3X0.34 | PVC | PVC | extra-fine wire | No | Yes | Yes | No | 0.161 in |
| 7038901 | UNITRONIC® SENSOR LiFY 4x0,34 | 4X0.34 | PVC | PVC | extra-fine wire | No | Yes | Yes | No | 0.173 in |
| 7038902 | UNITRONIC® SENSOR LiFY 5x0,34 | 5X0.34 | PVC | PVC | extra-fine wire | No | Yes | Yes | No | 0.189 in |
| 7038903 | UNITRONIC® SENSOR LiFY A 3x0,25 | 3X0.25 | PVC | PVC | extra-fine wire | No | Yes | Yes | No | 0.169 in |
| 7038904 | UNITRONIC® SENSOR LiFY A 4x0,25 | 4X0.25 | PVC | PVC | extra-fine wire | No | Yes | Yes | No | 0.181 in |
| 7038905 | UNITRONIC® SENSOR LiFY A 3x0,34 | 3X0.34 | PVC | PVC | extra-fine wire | No | Yes | Yes | No | 0.173 in |
| 7038906 | UNITRONIC® SENSOR LiFY A 4x0,34 | 4X0.34 | PVC | PVC | extra-fine wire | No | Yes | Yes | No | 0.189 in |
| 7038907 | UNITRONIC® SENSOR LiFY A 5x0,34 | 5X0.34 | PVC | PVC | extra-fine wire | No | Yes | Yes | No | 0.205 in |

V1.1