

UNITRONIC® SENSOR

Multi-Conductor, Unshielded

300V PUR, Continuous Flex, Industrial Communication Cable



The UNITRONIC® SENSOR cables are designed for sensor/actuator interconnect applications. Constructed with very fine stranding and a tear and abrasion resistant polyurethane jacket, UNITRONIC® SENSOR provides superior service life in harsh environments with outstanding resistance to most oils, solvents and coolants.

Recommended Applications:

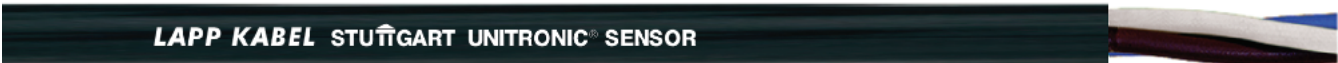
Photo Electric, Instrumentation, Capacitive and Inductive Sensors

Application Advantage:

- Highly flexible construction for ease of routing in tight spaces
- Excellent cut-through and abrasion resistance
- Outstanding oil, solvent and coolant resistance
- Round geometry facilitates liquid-tight installation per IP 67 or NEMA 6

UNITRONIC® SENSOR Construction:

Super fine stranded bare copper conductors; Polypropylene insulation; dry lubricant; halogen-free PUR black jacket



Cable Attributes, See Page 653 Oil Resistance: Motion Type: Flame Resistance: Mechanical Properties:		Availability: Standard put-ups are 328ft, 1640ft, and 3280ft. Bulk reels can be cut to length.	Complete the installation with: SKINTOP® Strain Relief: Page 486 EPIC® Connectors: Page 251 OLFLEX® Tubing: Page 546 OLFLEX® Track: Page 612	
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Technical Data:

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| Minimum Bending Radius for continuous flexing: | Temperature: +80°C | Nominal Voltage: 300V | Conductor Stranding: Super fine strands in accordance with DIN VDE 0295 Cl. 6 | Color Code:
7038867: 1-Brown, 2-White, 3-Blue, 4-Black, 5-Gray
7038868: 1-White, 2-Brown, 3-Green, 4-Yellow, 5-Gray, 6-Pink, 7-Blue, 8-Red
7038864: 1-Brown, 2-Blue, 3-Black
7038865: 1-Brown, 2-White, 3-Blue, 4-Black
7038866: 1-Brown, 2-White, 3-Blue, 4-Black, 5-Gray | Approvals: UL: AWM 20549 |
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Part Number	Number of Conductors	Nominal Outer Diameter inches mm	Copper Weight lbs/mft	Approx. Weight lbs/mft kg/km	Part Number	Number of Conductors	Nominal Outer Diameter inches mm	Copper Weight lbs/mft	Approx. Weight lbs/mft kg/km
24 AWG (0.25 mm ²)					22 AWG/ 0.34 mm ²				
7038867	5	.185 4.7	8	23 34	7038864	3	.181 4.6	7	20 30
7038868	8	.228 5.8	13	34 50	7038865	4	.181 4.6	9	27 40
					7038866	5	.197 5.0	11	30 44