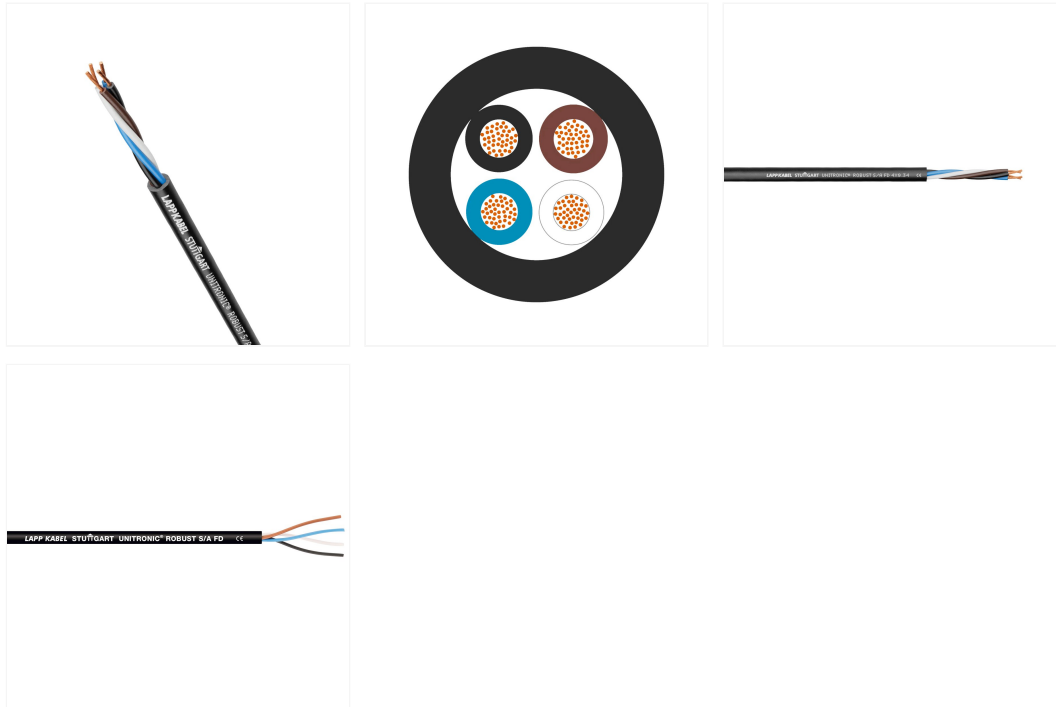


UNITRONIC® ROBUST S/A FD 4x0,34**Article No.:** 7038894

Sensor/actuator cable; Cable chain; TPE; black

**ECOLAB®****Details****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.

Remarks

 Technical Data

General information

Brand	UNITRONIC®
Product type	Sensor/actuator cable
Copper index	88.03 lb/10000 ft
valid Fieldbus or Ethernet System	Sensor/Actuator

Electrical parameters

Test voltage conductor/conductor	1.5 kV
----------------------------------	--------

Product design

Conductor count/size	4X0,34
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	4
Stranding type	Layered Stranding
Wrapping above stranding	Fleece Wrapping
Shielded	No
With rodent protection	No
Nominal outer diameter	0.213 in
Cable form	Round
Core insulation base material	Polyolefin
Conductor insulation basic material, short form	PO
Basic material of outer jacket	Thermoplastic elastomers
Base material of outer sheath, shortname	TPE
Outer jacket color	black
Core identification	Colors
Conductor color code	EN 60947-5-2

Product features

Application area	Cable chain
For permanent bending	Yes
For torsional load	Yes
Windable	No
Minimum bending radius, stationary	3 x outer diameter
Minimum bending radius in inch, fixed installation	0.638 in
Minimum bending radius, dynamic continuously flexing	5 x outer diameter
Minimum bending radius in inch, dynamic continuously flexing	1.063 in
Torsion	For +/- 360 °/m up to 3000000 Torsion cycles
Temperature, fixed installation	-50 °C to 90 °C max. conductor temperature
Temperature, occasionally moved	-40 °C to 90 °C max. conductor temperature
temperature, dynamic permanently moved	-40 °C to 80 °C max. conductor temperature
Flame-retardant	No
Corrosiveness of combustion gases according to	IEC 60754-2
UV-resistant	Yes
UV-resistant according to	EN 50525-1 (cables with a black jacket are suitable for permanent outdoor use)
UV-C resistant	Yes

Ozone-resistant	Yes
ozone resistant according to	EN 50396, method B
Halogenfree	Yes
Halogen-free according to	EN 50267-2-1 IEC 60754-1
Oil resistant	Yes
Oil resistance according to	IEC 60811-404
PWIS-free	No
Water resistant	Yes
Fast Connect (FC) cable	No

Certifications and standards

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

UNITRONIC® ROBUST S/A FD

Article No.	Name	Cable dimension	Conductor design	Nominal cross section conductor (mm ²)	Nominal outer diameter	Copper index
7038894	UNITRONIC® ROBUST S/A FD 4x0,34		extra-fine wire	0.34 mm ²	0.213 in	88.03 lb/10000 ft
7038895	UNITRONIC® ROBUST S/A FD 3x0,34	3X0.34	extra-fine wire	0.34 mm ²	0.197 in	65.85 lb/10000 ft
7038896	UNITRONIC® ROBUST S/A FD 5x0,34	5X0.34	extra-fine wire	0.34 mm ²	0.232 in	107.52 lb/10000 ft
7038897	UNITRONIC® ROBUST S/A FD 4x0,25	4X0.25	extra-fine wire	0.25 mm ²	0.193 in	68.54 lb/10000 ft

V1.1