## **UNITRONIC®**

## **Bus Cable & Connectors**

# UNITRONIC<sup>®</sup> BUS DeviceNet<sup>™</sup> Violet

## For DeviceNet Bus Systems; Stationary Applications; 120 $\Omega$

LAPP KABEL STUTTGART UNITRONIC<sup>®</sup> DeviceNet<sup>™</sup> THICK

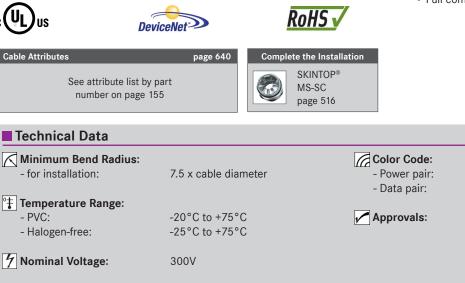
#### LAPP KABEL STUत्तGART UNITRONIC<sup>®</sup> DeviceNet™ THIN

UNITRONIC<sup>®</sup> BUS DeviceNet cables provide reliable data and power transfer between industrial automation devices like sensors, actuators & PLCs. The cables are designed to perform in harsh chemical & mechanical environments and are in full compliance with ODVA specifications.

### Recommended Applications

DeviceNet bus systems; automation devices like sensors, actuators, PLCs, and  $\ensuremath{\mathsf{PCs}}$ 

#### Approvals



#### Construction

Conductors: Stranded tinned copper

Insulation: Power conductors: PVC (PVC jacket); polyethylene (Halogen-free jacket); Data conductors: Polyethylene

<u>Shielding:</u> Pairs: tri-laminated foil shield; tinned copper drain wire; overall foil wrap and braid

Jacket: PVC or halogen-free; violet

#### Application Advantage

Cable can supply device with power and data, minimizing wiring

Red & black

Blue & white

PLTC (2170342, 2170340)

UL: CMG

- · Communication rate up to 500Kbps
- Oil-resistant PVC or halogen-free jacket options
- Full compliance with ODVA specifications

CL2 (2170343) 7 Nominal Voltage: Canada: c(UL) CMG **z**<sub>∞</sub> Characteristic Impedance: 120 Ω + Nominal Capacitance: 12 pF/ft Conductor Nominal Copper Approx **SKINTOP®** Part Number Description Outer Diameter Weight Weight MS-SC Туре (AWG/Pair) (in) (mm) (lbs/mft) (lbs/mft) PG Thread Stationary: PVC 18 AWG/1pr + 15 AWG/1pr 0.480 12.2 53112240 2170342 Thick 59 129 24 AWG/1pr + 22 AWG/1pr 2170343 Thin 0.272 6.9 22 45 53112210 ationary: Halogen-Free & Flame Retardant (FRNC) 18 AWG/1pr + 15 AWG/1pr 2170340 Thick 0.480 12.2 59 131 53112240 2170341 Thin 24 AWG/1pr + 22 AWG/1pr 0.272 6.9 22 47 53112210

NUMBER

DeviceNet<sup>™</sup> is a trademark of Open DeviceNet Vendor Association, Inc. Recommended SKINTOP<sup>®</sup> assumes minimal OD variance. Additional configurations are available; please see our SKINTOP<sup>®</sup> section. If not otherwise specified, all values relating to the product are nominal values. Photographs are not to scale and are not true representations of the products in question. For current information go to our website.

