

# UNITRONIC® BUS DeviceNet™ Violet

For DeviceNet bus systems; stationary applications; 120 Ω

LAPP KABEL STUTTGART UNITRONIC® DeviceNet™ THICK

LAPP KABEL STUTTGART UNITRONIC® DeviceNet™ THIN

UNITRONIC® 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 PCs

### Approvals



### Construction

**Conductors:** stranded tinned copper

**Insulation:** power conductors: PVC (PVC jacket); polyethylene (halogen-free jacket) • data conductors: polyethylene

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

Cable attributes page 648

See attribute list by part number on page 166

Complete the installation










SKINTOP® MS-SC  
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ÖLFLEX® CONNECT solution



ÖLFLEX® CONNECT CABLES  
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### Technical data

 <b>Minimum bend radius:</b> - for installation: 7.5 x cable diameter	 <b>Color code:</b> - power pair: red & black - data pair: blue & white
 <b>Temperature range:</b> - PVC: -20°C to +75°C - halogen-free: -25°C to +75°C	 <b>Approvals:</b> UL: CMG PLTC (2170342, 2170340) CL2 (2170343) Canada: c(UL) CMG
 <b>Nominal voltage:</b> 300V	
 <b>Characteristic impedance:</b> 120 Ω	
 <b>Nominal capacitance:</b> 12 pF/ft	

Part number	Type	Jacket material	Conductor description	Nominal outer diameter		Copper weight lbs/mft	Approx. weight lbs/mft	SKINTOP® MS-SC PG thread
				in	mm			
2170342	Thick	PVC	18 AWG/1pr + 15 AWG/1pr	0.480	12.2	59	129	53112240
2170343	Thin	PVC	24 AWG/1pr + 22 AWG/1pr	0.272	6.9	22	45	53112210
2170340	Thick	halogen-free & flame retardant (FRNC)	18 AWG/1pr + 15 AWG/1pr	0.480	12.2	59	131	53112240
2170341	Thin	halogen-free & flame retardant (FRNC)	24 AWG/1pr + 22 AWG/1pr	0.272	6.9	22	47	53112210