

UNITRONIC® BUS SAFETY

For SAFETY bus systems



LAPP KABEL STUTTGART UNITRONIC® BUS SAFETY



UNITRONIC® BUS SAFETY is designed for data communication in terms of machinery safety

Construction

Conductors: finely stranded bare copper

Insulation: polyethylene

Shielding: tinned copper braid

Jacket: halogen-free or PUR; yellow

Recommended applications

For safety-related devices in systems such as SafetyBUS, based on the tried and tested CAN bus system, such as Factory Automation and Transport Technology

Application advantage

- For fixed installation (2170295) and highly flexible (2170885) applications
- For serial transmission of safety-oriented data
- Communication rate up to 500 kbits/sec

Approvals



Cable attributes		page 648	
OIL	OR-00	FLAME	FR-02
MOTION	FL-02	MECH.	MP-01

Complete the installation

SKINTOP® MS-SC
page 522

ÖLFLEX® CONNECT solution

ÖLFLEX® CONNECT CABLES
page 605

Technical data

Minimum bend radius:	10 x cable diameter	Characteristic impedance:	120 Ω
Temperature range:		Nominal capacitance:	14 pF/ft
- for stationary use:		Color code:	white, brown, green
- 2170295:	-30°C to +80°C	Approvals:	CE & RoHS
- 2170885:	-40°C to +80°C		
- for flexible use:			
- 2170885:	-30°C to +80°C		
Nominal voltage:	250V (not for power applications)		
Test voltage:			
- 2170295:	3000V		
- 2170885:	1500V		

Part number	Jacket material	Conductor description	Nominal outer diameter		Copper weight lbs/mft	Approx. weight lbs/mft	SKINTOP® MS-SC metric thread
			in	mm			
Stationary							
2170295	halogen-free	19 AWG/3c	0.299	7.6	33	46	53112220
Continuous flex							
2170885	PUR	19 AWG/3c	0.307	7.8	33	46	53112220