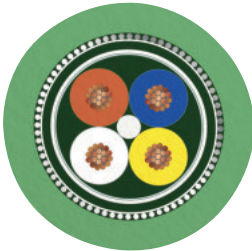
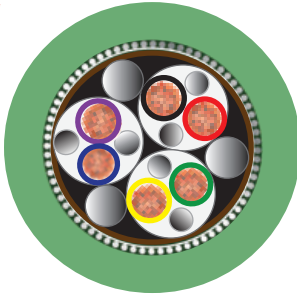


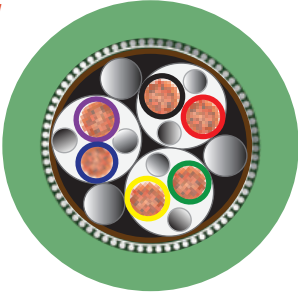
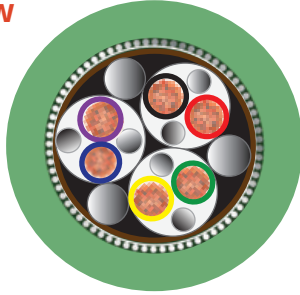
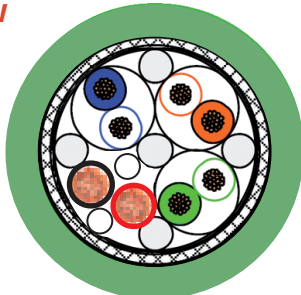
NETWORK COMPONENT - NETWORK CABLE

Industrial cables, supplied by the meter, shielded

			49R	Mechanical hand	49A	Event installation
			new		new	
Order data			PUR	1x4xAWG26/19	PVC	2x2xAWG24/7+ 1x2xAWG2219
			Model	Order Number	Model	Order Number
100m			PN-OE-OE-49R/L0100	1152000100	MC-OE-OE-49A/L0100	1122000100
Customizable			PN-OE-OE-49R/L0000	1152000000	MC-OE-OE-49A/L0000	1122000000
Technical parameters						
Applied to			Transmission characteristics (Category) Cable structure Ambient temperature (operating)		CAT5 (IEC 11801:2002), 100 Mbps 1x4xAWG22/19; S/TQ -40 °C ... 80 °C (Cable, fixed installation) -25 °C ... 80 °C (Cable, movable installation)	
Conductor			Ambient temperature (operating) Cross-section of the conductor Wire material Wire resistance		26/19 x 0.1mm 4x 0.14mm ² Tin-plated copper stranded wire ≤ 143 Ω/km	
Core wire			Wire insulation material Core diameter (including insulation layer) Twisted pair cable Main twisted pair Wire color Digit number		PE 1.0 mm ±0.05mm Star-twisted four-wire set White, yellow, blue, orange 4	
Block			Block Shielding coverage rate		The shielding net is made of tin-plated copper wire 85%	
Sheath			Outer sheath, material Outer sheath, color Thickness of the external sheath Cable outer diameter D		PUR Green RAL 6018 4.8 mm ±0.3 mm	
Characteristics			Insulation resistance Coupling resistance Nominal voltage of the cable Core wire withstand voltage test Ambient temperature (installation) Ambient temperature (storage/transportation) Oil resistance Wave impedance Minimum bending radius, movable installation Short-term/long-term tension strength Signal running time Flame retardant Cable weight Cable capacity Halogen-free UL AWM form Minimum bending radius, fixed installation Cable length		500 m or higher Ω / KM 300 V 2000 V (50Hz, 1min) -20 °C ... 60 °C -40 °C ... 80 °C Conforming to DIN EN 60811-2-1 standard 100 Ω ±15 Ω (100 MHz) 7.5 D 4.8 ns/m Complies with IEC 60332-1-2 55kg/km Complies with IEC60754-1 20233(80°C/300V) 5xD 100 m	

NETWORK COMPONENT - NETWORK CABLE

Industrial cables, supplied by the meter, shielded

			49B	Drag chain	49C	The soft	49D	Drag chain
			new		new		new	
			PUR	2x2xAWG24/7+ 1x2xAWG22/19	PUR	2x2xAWG26/19+ 1x2xAWG22/19	PUR	3x2xAWG26/7+ 1x2xAWG24/7
			Model	Order Number	Model	Order Number	Model	Order Number
100m			MC-OE-OE-49B/L0100	1123000100	MC-OE-OE-49C/L0100	1124000100	MC-OE-OE-49D/L0100	1125000100
Customizable			MC-OE-OE-49B/L0000	1123000000	MC-OE-OE-49C/L0000	1124000000	MC-OE-OE-49D/L0000	1125000000
Technical parameters								
Applied to			Transmission characteristics (Category) Cable structure Ambient temperature (operating)		CAT5e (IEC 11801), 100 Mbps 2x2xAWG24/7; SF/TP -25 °C ... 80 °C (Cable, fixed installation) -40 °C ... 70 °C (Cable, movable installation)		CAT5e (IEC 11801), 100 Mbps 3x2xAWG26/7; SF/TP -20 °C ... 70 °C (Cable, fixed installation) -20 °C ... 70 °C (Cable, movable installation)	
Conductor			Ambient temperature (operating) Cross-section of the conductor Wire material Wire resistance		24/7 x 0.2mm 2x2x0.22mm ² + 2x0.38mm ² Tin-plated copper stranded wire ≤ 90Ω/km (Signal line) ≤ 55Ω/km (Power cord)		26/19 x 0.1mm 2x2x0.14mm ² + 1x2x0.38mm ² Tin-plated copper stranded wire ≤ 143Ω/km (Signal line) ≤ 55Ω/km (Power cord)	
Core wire			Wire insulation material Core diameter (including insulation layer) Twisted pair cable Main twisted pair Wire color Digit number		PE 1.0 mm ±0.05mm Two wires make a pair Three pairs of core wires Green/yellow, blue/pink Black/Red 6		PE 1.0 mm ±0.05mm Two wires make a pair Three pairs of core wires Green/yellow, blue/pink Black/Red 6	
Block			Block Shielding coverage rate		The shielding net is made of tin-plated copper wire 85%		The shielding net is made of tin-plated copper wire 85%	
Sheath			Outer sheath, material Outer sheath, color Thickness of the external sheath Cable outer diameter D		PUR Green RAL 6018 5.4mm ± 0.2mm		PUR Green RAL 6018 The 1.0 mm 7.2mm ± 0.4mm	
Characteristics			Insulation resistance Coupling resistance Nominal voltage of the cable Core wire withstand voltage test Ambient temperature (installation) Ambient temperature (storage/transportation) Oil resistance Wave impedance Minimum bending radius, movable installation Short-term/long-term tension strength Signal running time Flame retardant Cable weight Cable capacity Halogen-free UL AWM form Minimum bending radius, fixed installation Cable length		< 10.00 mΩ/m (10 MHz) 300 V 2500 V DC -5 °C ... 50 °C -40 °C ... 80 °C Conforming to DIN EN 60811-2-1 100 Ω ±15 Ω (1...) 100 MHz) 7.5 D 5.3 ns/m Conforms to VW-1 50nF/km Complies with IEC 60754-1 2502(80°C/30 V) 5xD 100 m		< 10.00 mΩ/m (10 MHz) 300 V 2500 V DC -5 °C ... 50 °C -40 °C ... 80 °C Conforming to DIN EN 60811-2-1 100 Ω ±15 Ω (1...) 100 MHz) 7.5 D 5.3 ns/m Conforms to VW-1 50nF/km Complies with IEC 60754-1 2502(80°C/30 V) 4xD 100 m	