

bus cable for ET connection M8, assembled on both ends with 2x M8 connectors, 4-pole, shielded length 0.19 m



General information

Product description	Flexible cable (4-core), preassembled at both ends with 2x M8 plugs, 4-pin, shielded
Suitability for use	for connecting ET-CONNECTION nodes (e.g. SIMATIC ET 200AL) in degree of protection IP65 / 67

Degree and class of protection

Degree of protection acc. to EN 60529	
• IP65	Yes
• IP67	Yes

Ambient conditions

Ambient temperature during assembly, min.	-30 °C
Ambient temperature during assembly, max.	80 °C
Ambient temperature during storage/transportation	
• min.	-40 °C
• max.	80 °C

Cables

Cable designation	2Y(ST)CY 1x4x0.5/1.0-100-GN
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Design of shield	Overlapped aluminum-clad foil, sheathed in a braid of tin-plated copper wires
Cable length	0.19 m
Number of electrical cores	4
Outer diameter of inner conductor	0.5 mm
Outer diameter of core insulation	1 mm
Outer diameter of cable sheath	5 mm
Number of bending cycles	1 000 000; Cable carrier compliant for 1 million bending cycles with a bending radius of 100 mm, a speed of 4 m/s and an acceleration of 4 m/s ²
Permissible bending radius, single bend, min.	20 mm
Permissible bending radius, multiple bends, min.	40 mm
Bending radius for continuous bending	100 mm
Color of cable sheath	Green
Color of core insulation of data cores	white / yellow / blue / orange
Weight per length	34 kg/km

Mechanics/material

Type of cable outlet	180 degree cable outlet
Material of housing	metal
Material of cable sheath	PVC
Material of core insulation	PE
Material property	
• Halogen-free	No
• Silicone-free	Yes

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