SIEMENS

Data sheet   6ES7194-2LH03-0AA0

BUS CABLE FOR ET-CONNECTION, PREASSEMBLED WITH 2 X
M8 CONNECTORS, 4 CORE, SHIELDED, LENGTH 0,3M

Figure similar

Product type designation	

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

Degree and class of protection	
Degree of protection to EN 60529	
• IP65	Yes
• IP67	Yes

Ambient conditions	
Ambient temperature during assemgly, min.	-30 °C
Ambient temperature during assemgly, 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
Cable length	0.3 m
Number of electrical cores	4
Design of shield	Overlapped aluminum-clad foil, sheathed in a braid of tin-plated copper wires
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/s²
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 core insulation	PE
Material of cable sheath	PVC
Material property halogen-free	No
Material property silicone-free	Yes

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