SIEMENS

Data sheet 6ES7194-2LN10-0AC0

bus cable for ET connection M8, Pre-assembled at one end with 1x M8 connector, 4-pole, shielded length 10 m



Figure similar

General information	
Product type designation	Bus cable
Product description	Flexible cable (4-core), preassembled at one end with 1x M8 plug, 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	
IP degree of protection	IP65/67
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
Design of shield	Overlapped aluminum-clad foil, sheathed in a braid of tin-plated copper wires
Cable length	10 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/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	
Outgoing feeder type	180° cable outlet
Material of cable sheath	PVC
Material of core insulation	PE
Material property	
● Halogen-free	No
● Silicone-free	Yes
Classifications	

© Copyright Siemes

	Version	Classification
eClass	16	27-24-22-20
eClass	14	27-24-22-20
eClass	12	27-24-22-20
eClass	9.1	27-24-22-20
eClass	9	27-24-22-20
eClass	8	27-24-92-05
eClass	7.1	27-24-92-05
eClass	6	27-24-92-05
ETIM	10	EC000237
ETIM	9	EC000237
ETIM	8	EC000237
ETIM	7	EC000237
IDEA	4	3553
UNSPSC	15	32-15-17-03

Approvals / Certificates

General Product Approval

Manufacturer Declaration | Miscellaneous | EAC | China RoHS

last modified: 4/4/2025

© Copyright Siemes