

## Data sheet

## 6ES7194-2LH20-1AA0

Power cable M8, both ends assembled with M8 connector and M8 socket, 4-pole, Length 2.0 m



General information		
Product type designation	Power cable	
Product description	Flexible cable (4-core), preassembled at each end with a 4-pin M8 male / female connector	
Suitability for use	For connection to ET 200AL for 24 V DC power supply	
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	4 Li9Y 0.50 mm <sup>2</sup> Y	
Cable length	2 m	
Number of electrical cores	4	
Outer diameter of inner conductor	0.8 mm	
Outer diameter of core insulation	1.46 mm	
Outer diameter of cable sheath	5.2 mm	
Number of bending cycles	2 500 000; cable carrier compliant for 2.5 million bending cycles with a bending radius of 52 mm, a speed of 3 m/s and an acceleration of 10 m/s <sup>2</sup>	
Permissible bending radius, single bend, min.	26 mm	
Permissible bending radius, multiple bends, min.	52 mm	
Bending radius for continuous bending	52 mm	
Color of cable sheath	gray	
Color of core insulation of energy core	white / brown / blue / black	
Weight per length	44 kg/km	
Mechanics/material		
Outgoing feeder type	180° cable outlet	
Material of cable sheath	PVC	
Material of core insulation	PP	
Material property		
• Silicone-free	Yes	
Classifications		
	<b>Version</b>	<b>Classification</b>
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

[Miscellaneous](#)[Manufacturer Declaration](#)

last modified:

4/4/2025

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## 6ES7194-2LH20-1AA0

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