Data sheet

6ES7194-2LH20-1AC0

Power cable M8, single-sided assembled with M8 socket, 4-pole, Length 2.0 m



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General information			
Product type designation	Power cable		
Product description	Flexible cable (4-core), preassembled at one end with 1x M8 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 mm² 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/s²		
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		

last modified:

8/24/2021