

### Product type designation

Product description

### Connecting cable 24 V, open cable end (Push Pull) / M16

Flexible supply cable (2 x 2-wire)

SIMATIC MV400 Power Cable for MV420/440, M16 push-pull, PVC, 1 mm<sup>2</sup>, Length 2 m M16 assembled, push-pull open pin assign. H+G (only 24 V PS)



Suitability for use	Plug-in cable for connecting a 24 V power supply to an MV400 reader
Wire length	2 m
<b>Electrical data</b>	
Number of electrical connections	1
Loop resistance per length / maximum	32 mΩ/m
Insulation resistance coefficient	100 GΩ·m
Operating voltage / maximum	300 V
<b>Mechanical data</b>	
Design of the shield	Braided shield made of tin-plated copper wires
Number of electrical cores	4
Type of electrical connection	Cut off (Push Pull Power connector included) / M16 (female, 12-pin, straight)
Outer diameter	5.7 mm
• of cable sheath	
Design of stranding element	Four
Conductor class	5

Material	
<ul style="list-style-type: none"> <li>• of the conductor</li> <li>• of the wire insulation</li> <li>• of cable sheath</li> </ul>	<p>CU, blank</p> <p>PVC</p> <p>PVC</p>
Marking / of cores	Color
Color	
<ul style="list-style-type: none"> <li>• of the insulation of data wires</li> <li>• of cable sheath</li> </ul>	<p>International color code</p> <p>Black</p>
Bending radius	
<ul style="list-style-type: none"> <li>• with single bend / minimum permissible</li> <li>• with multiple bends / minimum permissible</li> </ul>	<p>85.5 mm</p> <p>85.5 mm</p>
Weight per length	60 kg/km

### Ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> <li>• during operation</li> <li>• during storage</li> <li>• during transport</li> <li>• during installation</li> </ul>	<p>-15 ... +80 °C</p> <p>-30 ... +80 °C</p> <p>-30 ... +80 °C</p> <p>-15 ... +80 °C</p>
Burning behavior	Flame-resistant according to UL-LiYCY, style 2464/1061
Chemical resistance	
<ul style="list-style-type: none"> <li>• to mineral oil</li> <li>• to grease</li> </ul>	<p>resistant</p> <p>resistant</p>
Radiological resistance / to UV radiation	resistant

### Product features, product functions, product components / general

Product feature	
<ul style="list-style-type: none"> <li>• halogen-free</li> </ul>	No

### Standards, specifications, approvals

UL/ETL listing / 300 V Rating	Yes; Style 2464/1061
-------------------------------	----------------------

### Further information / Internet-Links

Internet-Link	
<ul style="list-style-type: none"> <li>• to website: Selector SIMATIC NET SELECTION TOOL</li> <li>• to website: Industrial communication</li> <li>• to website: Industry Mall</li> <li>• to website: Information and Download Center</li> <li>• to website: Image database</li> <li>• to website: CAx Download Manager</li> <li>• to website: Industry Online Support</li> </ul>	<p><a href="https://support.industry.siemens.com/cs/ww/en/view/67384964">https://support.industry.siemens.com/cs/ww/en/view/67384964</a></p> <p><a href="http://www.siemens.com/ident/rfid">http://www.siemens.com/ident/rfid</a></p> <p><a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a></p> <p><a href="http://www.siemens.com/industry/infocenter">http://www.siemens.com/industry/infocenter</a></p> <p><a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a></p> <p><a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a></p> <p><a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a></p>
<b>last modified:</b>	11/11/2019