

### product type designation

product description

### IE M12 Panel Feedthrough

Control cabinet feedthrough M12 (D-coded) / RJ45

IE M12 panel feedthrough control cabinet bushing to transition from M12 connection (D-coded)- connection method (IP65) to be RJ45 connection technology (IP20) 1 pack=5 units



suitability for use

Control cabinet feedthrough for transition from M12 connection type (D-coded), IP65/67) to RJ45 connection type (IP20)

transfer rate	
transfer rate / for Industrial Ethernet	10 Mbit/s, 100 Mbit/s
interfaces	
number of electrical connections	2
<ul style="list-style-type: none"> <li>for network components or terminal equipment</li> </ul>	
type of electrical connection	M12 socket (D-coded) and RJ45
<ul style="list-style-type: none"> <li>for network components or terminal equipment</li> </ul>	
type of electrical connection / FastConnect	No
mechanical data	
material / of the enclosure	plastic
locking mechanism design	Screwed joint
tightening torque / for M12 round connector / maximum	0.6 N·m
connector coding / of the M12 circular connector	D
design, dimensions and weights	
type of cable outlet	90° cable outlet
width	24 mm
height	45 mm
depth	35.4 mm
net weight	40 g
ambient conditions	
ambient temperature	0 ... 70 °C
<ul style="list-style-type: none"> <li>during operation</li> </ul>	0 ... 70 °C
<ul style="list-style-type: none"> <li>during storage</li> </ul>	0 ... 70 °C
<ul style="list-style-type: none"> <li>during transport</li> </ul>	0 ... 70 °C
protection class IP	IP65/67 (M12), IP20 (RJ45)
product features, product functions, product components / general	
product feature	Yes
<ul style="list-style-type: none"> <li>PoE capability</li> </ul>	Yes
<ul style="list-style-type: none"> <li>PoE+capability</li> </ul>	Yes
<ul style="list-style-type: none"> <li>silicon-free</li> </ul>	Yes
product component	Yes
<ul style="list-style-type: none"> <li>strain relief</li> </ul>	Yes
standards, specifications, approvals	

certificate of suitability	
<ul style="list-style-type: none"> <li>● RoHS conformity</li> <li>● UL approval</li> <li>● railway application in accordance with EN 50155</li> </ul>	<p>Yes</p> <p>Yes</p> <p>No</p>
standard for structured cabling	Cat5
<b>further information / internet-Links</b>	
Internet-Link	
<ul style="list-style-type: none"> <li>● to web page: selection aid TIA 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="http://www.siemens.com/tia-selection-tool">http://www.siemens.com/tia-selection-tool</a></p> <p><a href="http://www.siemens.com/simatic-net">http://www.siemens.com/simatic-net</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>	5/5/2021 