

product type designation

product description

PB M12 termination connector

M12 termination connector with socket insert, 5-pole, B-coded

M12 terminating connector for ET 200 with integrated terminating resistor combination for PB, female contact insert, 1 pack=5 units.



Figure similar

suitability for use

As terminating plug-in connector with integrated terminating resistors for ET200 PRO

transfer rate

transfer rate / with PROFIBUS	9.6 kbit/s ... 12 Mbit/s
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interfaces

number of electrical connections	1
• for network components or terminal equipment	
type of electrical connection	M12 connector (female insert, 5-pin, B-coded)
• for network components or terminal equipment	
type of electrical connection / FastConnect	No

mechanical data

design of terminating resistor	Integrated resistor combination
material / of the enclosure	metal
locking mechanism design	Screwed joint
tightening torque / for M12 round connector / maximum	0.6 N·m
connector coding / of the M12 circular connector	B

design, dimensions and weights

type of cable outlet	180° cable outlet
width	19 mm
height	19 mm
depth	73 mm
net weight	40 g
connectable cable cross-section	6 ... 8 mm
connectable conductor cross-section	0.33 mm ²

ambient conditions

ambient temperature	-40 ... +70 °C
• during operation	
• during storage	
• during transport	
chemical resistance	resistant
• to water	
protection class IP	IP65/67

product features, product functions, product components / general

product feature	Yes
• silicon-free	
product component	Yes
• strain relief	

standards, specifications, approvals

certificate of suitability	
• RoHS conformity	Yes
• UL approval	Yes
• railway application in accordance with EN 50155	No
reference code	
• according to IEC 81346-2:2019	XGA



further information / internet links

internet link	
• to website: Selection guide for cables and connectors	https://support.industry.siemens.com/cs/ww/en/view/109766358
• to web page: selection aid TIA Selection Tool	https://www.siemens.com/tstcloud
• to website: Industrial communication	https://www.siemens.com/simatic-net
• to web page: SiePortal	https://sieportal.siemens.com
• to website: Image database	https://www.automation.siemens.com/bilddb
• to website: CAX-Download-Manager	https://www.siemens.com/cax
• to website: Industry Online Support	https://support.industry.siemens.com

security information

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Approvals / Certificates

General Product Approval	Test Certificates	Environment
Declaration of Conformity	Special Test Certificate	Confirmation
		

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