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Data sheet 6GK1905-0EC00

product type designation	**PB M12 termination connector**
product description	M12 termination connector with pin insert, 5-pole, B-coded
	M12 terminating connector for ET 200 with integrated terminating resistor combination for PB, Male contact insert, 1 pack=5 units.

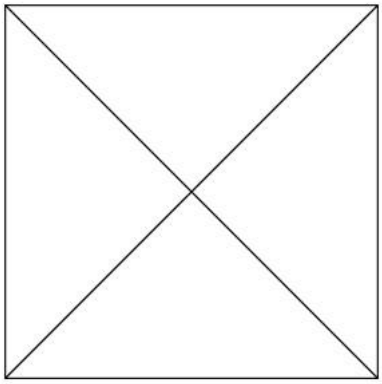


Figure similar

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
interfaces	
number of electrical connections	
● for network components or terminal equipment	1
type of electrical connection	
● for network components or terminal equipment	M12 connector (male insert, 4-pin, B-coded)
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 mm²
ambient conditions	
ambient temperature	
● during operation	-40 ... +70 °C
● during storage	-40 ... +80 °C
● during transport	-40 ... +80 °C
chemical resistance	
● to water	resistant
protection class IP	IP65/67
product features, product functions, product components / general	
product feature	
● silicon-free	Yes
product component	
● strain relief	Yes

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standards, specifications, approvals	
certificate of suitability	
● RoHS conformity	Yes
● UL approval	Yes
● railway application in accordance with EN 50155	No
further information / internet links	
internet link	
● to web page: selection aid TIA Selection Tool	http://www.siemens.com/tia-selection-tool
● to website: Industrial communication	http://www.siemens.com/simatic-net
● to website: Industry Mall	https://mall.industry.siemens.com
● to website: Information and Download Center	http://www.siemens.com/industry/infocenter
● to website: Selection guide for cables and connectors	https://sie.ag/2QdlxcP
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