SIEMENS

Data sheet

6GK1901-0DM30-2AA5

product type designation

product description



IE M12 Panel Feedthrough PRO

M12/M12 coupler (D-coded)

IE M12 panel feedthrough PRO control cabinet bushing to transition from M12 connection (D-coded)- connection method (IP65) on M12 (D-coded)- connection method (IP65); 1 pack=5 units.

| transfer rate / for Industrial Ethernet 10 Mbit/s, 100 Mbit/s Industrial Ethernet | suitability for use | M12/M12 coupler and control cabinet feedthrough (D-coded) | |
|--|---|---|--|
| Interfaces number of electrical connections • for network components or terminal equipment 2 type of electrical connection • for network components or terminal equipment 2 x M12 socket (D-coded) type of electrical connection / FastConnect No mechanical data material / of the enclosure including mechanism design including mechanism design including mechanism design connector coding / of the M12 circular connector D design, dimensions and weights type of cable outlet width 35.6 mm height 42.6 mm depth net weight 38 g ambient conditions ambient temperature • during operation • during storage • 5 +60 °C • during transport chemical resistance • to water product feature • to water product features • POE capability POE+capability • Strain relief Yes strain relief Yes certificate of suitability | transfer rate | | |
| number of electrical connections • for network components or terminal equipment type of electrical connection • for network components or terminal equipment 2 x M12 socket (D-coded) type of electrical connection / FastConnect No mechanical data material / of the enclosure locking mechanism design screwed joint tightening torque / for M12 round connector / maximum connector coding / of the M12 circular connector D design, dimensions and weights type of cable outlet width 35.6 mm height depth 44.5 mm net weight ambient conditions ambient temperature • during operation • 5 +60 °C • during storage • during storage • during transport • to water protection class IP product features • DeE capability Yes • PoE capability • Strain relief • strain relief • strain relief • strain relief strain relief strain relief * Yes certificate of suitability certificate of suitability 2 x M12 socket (D-coded) * The sufficiency * M12 socket (D-coded) * The sufficiency * M12 socket (D-coded) * M12 socket (D-c | transfer rate / for Industrial Ethernet | 10 Mbit/s, 100 Mbit/s | |
| • for network components or terminal equipment type of electrical connection • for network components or terminal equipment type of electrical connection / FastConnect No mechanical data material / of the enclosure locking mechanism design Screwed joint tightening torque / for M12 round connector / maximum connector coding / of the M12 circular connector bype of cable outlet width S5.6 mm height 44.5 mm net weight ambient conditions ambient emperature • during storage • during storage • during storage • during storage • during rensport chemical resistance • to water protection class IP product feature • POE capability Poe Stradners, approvals certificate of suitability • strain relief • certificate of suitability resistability resistands / Yes certificate of suitability | interfaces | | |
| type of electrical connection • for network components or terminal equipment type of electrical connection / FastConnect No mechanical data material / of the enclosure locking mechanism design tightening torque / for M12 round connector / maximum connector coding / of the M12 circular connector D design, dimensions and weights type of cable outlet ### 180° cable outlet ### 22.6 mm height ### 22.6 mm depth ### 44.5 mm net weight ### 36 g ### 36 g ### 36 g ### 40 uring operation • during operation • during storage • during transport • for "C chemical resistance • to water product feature Product features POE capability POE capability Yes strain relief | number of electrical connections | | |
| • for network components or terminal equipment type of electrical connection / FastConnect material / of the enclosure | for network components or terminal equipment | 2 | |
| type of electrical connection / FastConnect mechanical data material / of the enclosure locking mechanism design screwed joint tightening torque / for M12 round connector / maximum connector coding / of the M12 circular connector D design, dimensions and weights type of cable outlet width 35.6 mm height 22.6 mm depth net weight 36 g ambient conditions ambient temperature during operation during storage during transport 5+60 °C during transport 5+60 °C chemical resistance 1 to water protection class IP product features, product functions, product components / general product feature PoE capability Yes silicon-free product component • strain relief standards, specifications, approvals certificate of suitability | type of electrical connection | | |
| mechanical data 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 D design, dimensions and weights type of cable outlet 180° cable outlet width 35.6 mm height 22.6 mm depth 44.5 mm net weight 36 g ambient conditions ambient conditions ambient temperature | for network components or terminal equipment | 2 x M12 socket (D-coded) | |
| 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 D design, dimensions and weights type of cable outlet 180° cable outlet width 35.6 mm height 22.6 mm depth 44.5 mm net weight 36 g ambient conditions ambient temperature • during operation -5+60 °C • during storage -5+60 °C • during stransport -5+60 °C chemical resistance • to water resistant protection class IP product features, product functions, product components / general product feature • PoE capability Yes • Silicon-free Yes product component • strain relief Yes standards, specifications, approvals certificate of suitability | type of electrical connection / FastConnect | No | |
| locking mechanism design tightening torque / for M12 round connector / maximum connector coding / of the M12 circular connector D design, dimensions and weights type of cable outlet width 35.6 mm height depth 44.5 mm net weight ambient conditions ambient temperature during operation during storage during transport chemical resistance to water protection class IP product features, product functions, product components / general product feature PoE capability Yes silicon-free PoE-capability Yes standards, specifications, approvals certificate of suitability | mechanical data | | |
| tightening torque / for M12 round connector / maximum | material / of the enclosure | metal | |
| connector coding / of the M12 circular connector design, dimensions and weights | locking mechanism design | Screwed joint | |
| type of cable outlet type of cable outlet width height depth 44.5 mm net weight ambient conditions ambient temperature • during operation • during storage • during storage • during storage • to water protection class IP product features, product functions, product components / general product feature • PoE capability • Silicon-free product component • strain relief • strain relief Yes standards, specifications, approvals certificate of suitability | tightening torque / for M12 round connector / maximum | 0.6 N·m | |
| type of cable outlet width 180° cable outlet width 35.6 mm height 22.6 mm depth 44.5 mm net weight ambient conditions ambient temperature • during operation • during storage • during storage • during storage • furnical resistance • to water protection class IP product features, product functions, product components / general product feature • PoE capability • PoE+capability • Silicon-free product component • strain relief Yes standards, specifications, approvals certificate of suitability | connector coding / of the M12 circular connector | D | |
| width 35.6 mm height 22.6 mm depth 44.5 mm net weight 36 g ambient conditions ambient temperature • during operation -5 +60 °C • during transport -5 +60 °C chemical resistance • to water resistant protection class IP IP65/67 (M12), IP65/67 (M12) product features, product functions, product components / general product feature • POE capability Yes • slilcon-free Yes product component • strain relief Yes standards, specifications, approvals certificate of suitability | design, dimensions and weights | | |
| height 22.6 mm depth 44.5 mm net weight 36 g ambient conditions ambient temperature • during operation -5 +60 °C • during storage -5 +60 °C • during transport -5 +60 °C chemical resistance • to water resistant protection class IP IP65/67 (M12), IP65/67 (M12) product features, product functions, product components / general product feature • POE capability Yes • Silicon-free Yes product component • strain relief Yes standards, specifications, approvals certificate of suitability | type of cable outlet | 180° cable outlet | |
| depth 44.5 mm net weight 36 g ambient conditions ambient temperature • during operation -5 +60 °C • during storage -5 +60 °C • during transport -5 +60 °C chemical resistance • to water resistant protection class IP IP65/67 (M12), IP65/67 (M12) product features, product functions, product components / general product feature • PoE capability Yes • Stilicon-free Yes product component • strain relief Yes standards, specifications, approvals certificate of suitability | width | 35.6 mm | |
| net weight ambient conditions ambient temperature • during operation • during storage • during transport • to water protection class IP product features, product functions, product components / general product feature • PoE capability • PoE+capability • silicon-free product component • strain relief Yes standards, specifications, approvals certificate of suitability | height | 22.6 mm | |
| ambient conditions ambient temperature • during operation • during storage • during transport • to water protection class IP product features, product functions, product components / general product feature • PoE capability • PoE+capability • PoE+capability • silicon-free product component • strain relief **Yes **Standards, specifications, approvals certificate of suitability **Temporary Component | depth | 44.5 mm | |
| ambient temperature • during operation • during storage • during transport • during transport • to water protection class IP product features, product functions, product components / general product feature • PoE capability • PoE+capability • PoE+capability • silicon-free product component • strain relief *Yes *Standards, specifications, approvals certificate of suitability | net weight | 36 g | |
| during operation during storage during transport -5 +60 °C during transport -5 +60 °C chemical resistance to water resistant protection class IP IP65/67 (M12), IP65/67 (M12) product features, product functions, product components / general POE capability POE+capability POE+capability Silicon-free Yes product component strain relief Yes standards, specifications, approvals certificate of suitability | ambient conditions | | |
| during storage during transport the during transport to water the during transport the during transpor | ambient temperature | | |
| during transport chemical resistance • to water protection class IP product features, product functions, product components / general product feature • PoE capability | during operation | -5 +60 °C | |
| chemical resistance • to water protection class IP IP65/67 (M12), IP65/67 (M12) product features, product functions, product components / general product feature • PoE capability • PoE+capability • PoE+capability • stilicon-free Product component • strain relief • strain relief Standards, specifications, approvals certificate of suitability | during storage | -5 +60 °C | |
| ● to water resistant protection class IP IP65/67 (M12), IP65/67 (M12) product features, product functions, product components / general product feature ● PoE capability Yes ● PoE+capability Yes ● silicon-free Yes product component ● strain relief Yes standards, specifications, approvals certificate of suitability | during transport | -5 +60 °C | |
| protection class IP product features, product functions, product components / general product feature • PoE capability • PoE+capability • silicon-free product component • strain relief * Yes standards, specifications, approvals certificate of suitability | chemical resistance | | |
| product features, product functions, product components / general product feature • PoE capability • PoE+capability • silicon-free product component • strain relief * Yes * standards, specifications, approvals certificate of suitability | • to water | resistant | |
| product feature • PoE capability • PoE+capability • silicon-free product component • strain relief standards, specifications, approvals certificate of suitability Yes Yes Yes | protection class IP | IP65/67 (M12), IP65/67 (M12) | |
| PoE capability PoE+capability Yes silicon-free Yes product component strain relief Yes standards, specifications, approvals certificate of suitability Yes Yes | product features, product functions, product components / general | | |
| PoE+capability Silicon-free Silicon-free Yes product component strain relief Yes standards, specifications, approvals certificate of suitability Yes Yes | product feature | | |
| silicon-free product component strain relief Yes standards, specifications, approvals certificate of suitability | PoE capability | Yes | |
| product component • strain relief Yes standards, specifications, approvals certificate of suitability | PoE+capability | Yes | |
| • strain relief Yes standards, specifications, approvals certificate of suitability | • silicon-free | Yes | |
| standards, specifications, approvals certificate of suitability | product component | | |
| certificate of suitability | strain relief | Yes | |
| | standards, specifications, approvals | | |
| • RoHS conformity Yes | certificate of suitability | | |
| | RoHS conformity | Yes | |

| UL approval | No |
|---|--|
| railway application in accordance with EN 50155 | No |
| standard for structured cabling | Cat5 |
| 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 |
| to website: Image database | http://automation.siemens.com/bilddb |
| to website: CAx-Download-Manager | http://www.siemens.com/cax |
| to website: Industry Online Support | https://support.industry.siemens.com |

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