# **SIEMENS**

## **Data sheet**

## 6GK1901-0BP10-6AA0

## product type designation

product description



## IE RJ45 Coupler PRO (Push Pull)

RJ45 Push Pull coupler

IE RJ45 coupler PRO; IP65; RJ45 push-pull coupler for on-site assembly with IE FC RJ45 plug PRO metal enclosure (packing unit 1 coupler)

transfer rate / transfer rate / for Industrial Ethernet   10 Mbit/s, 100 Mbit/s, 1000 Mbit/s    interfaces	suitability for use	Push-Pull cable coupler / connection terminal with high protection class
Interfaces  number of electrical connections  • for Industrial Ethernet FC TP cables  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  design, dimensions and weights  type of cable outlet  width  height  depth  push-pull  destine	transfer rate	
number of electrical connections	transfer rate / for Industrial Ethernet	10 Mbit/s, 100 Mbit/s, 1000 Mbit/s
type of electrical connection  for network components or terminal equipment  type of electrical connection / FastConnect  mechanical data  material / of the enclosure locking mechanism design  type of cable outlet  width height depth net weight ambient conditions  ambient temperature  during operation during storage during transport  e to water protection class IP  product feature  POE capability Strain file if strain relief strain	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 design, dimensions and weights type of cable outlet width height depth net weight ambient conditions ambient temperature • during operation • during storage • during transport chemical resistance • to water protection class IP product features POE capability • Strain relief  Push-pull device connection) No  No  No  No  No  No  Material / of the enclosure metal locking metal new and locking new	number of electrical connections	
• for network components or terminal equipment type of electrical connection / FastConnect  mechanical data material / of the enclosure locking mechanism design locking mechanism design  design, dimensions and weights type of cable outlet width  height for the enclosure  electrical counter of the enclosure  width  height for the enclosure  electrical counter of the enclosure  so the second of the enclosure  for the enclosure  promote of the enclosure  metal  locking mechanism design  push-pull  design, dimensions and weights  type of cable outlet  ### 180° cable outlet  ### 46 mm  ### 180° cable outlet  ### 46 mm  ### 46 mm  ### 49 mm  ### 47 mm  ### 47 mm  ### 47 mm  ### 40 +70 °C  #	for Industrial Ethernet FC TP cables	8
type of electrical connection / FastConnect  mechanical data material / of the enclosure metal locking mechanism design Push-pull  design, dimensions and weights  type of cable outlet 180° cable outlet width 46 mm height 51 mm depth 90 mm net weight 247 g  ambient conditions  ambient temperature  • during operation -40 +70 °C  • during storage -40 +70 °C  chemical resistance  • to water resistant protection class IP product features, product functions, product components / general product feature  • PoE capability Yes  • silicon-free Yes  tending design approvals certificate of suitability	type of electrical connection	
material / of the enclosure locking mechanism design  design, dimensions and weights  type of cable outlet width height depth net weight ambient conditions  ambient temperature during operation during storage during transport chemical resistance e to water protection class IP product features, product functions, product components / general  product feature PoE capability Pies PoE capability Pies Standards, specifications, approvals certificate of suitability	<ul> <li>for network components or terminal equipment</li> </ul>	RJ45 connector (Push Pull device connection)
material / of the enclosure locking mechanism design Push-pull  design, dimensions and weights  type of cable outlet width height for a family and the series of the serie	type of electrical connection / FastConnect	No
locking mechanism design Push-pull  design, dimensions and weights  type of cable outlet 180° cable outlet  width 46 mm height 51 mm depth 90 mm net weight 247 g  ambient conditions  ambient temperature  • during operation -40 +70 °C  • during storage -40 +70 °C  • during transport -40 +70 °C  chemical resistance  • to water resistant  protection class IP IP65  product features, product functions, product components / general  product feature  • PoE capability Yes  • PoE+capability Yes  product component • strain relief Yes  standards, specifications, approvals  certificate of suitability	mechanical data	
type of cable outlet  width	material / of the enclosure	metal
type of cable outlet  width  46 mm  height  46 mm  51 mm  depth  90 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 • POE+capability • silicon-free  product component • strain relief  standards, specifications, approvals  certificate of suitability	locking mechanism design	Push-pull
width 46 mm height 51 mm depth 90 mm net weight 247 g ambient conditions ambient temperature • during operation -40 +70 °C • during storage -40 +70 °C chemical resistance • to water resistant protection class IP IP65 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	design, dimensions and weights	
height 51 mm depth 90 mm net weight 247 g  ambient conditions  ambient temperature • during operation • during storage • during storage • during transport -40 +70 °C • during transport -40 +70 °C chemical resistance • 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	type of cable outlet	180° cable outlet
depth 90 mm  net weight 247 g  ambient conditions  ambient temperature  • during operation -40 +70 °C  • during storage -40 +70 °C  • during transport -40 +70 °C  chemical resistance  • to water resistant  protection class IP IP65  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	width	46 mm
net weight  ambient conditions  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	height	51 mm
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 • PoE+capability • PoE+capability • stilicon-free  product component • strain relief  standards, specifications, approvals  certificate of suitability	depth	90 mm
ambient temperature  • during operation  • during storage  • during transport  -40 +70 °C  • during transport  -40 +70 °C  chemical resistance  • 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	247 g
<ul> <li>during operation</li> <li>during storage</li> <li>during transport</li> <li>during tran</li></ul>	ambient conditions	
<ul> <li>during storage</li> <li>during transport</li> <li>40 +70 °C</li> <li>chemical resistance</li> <li>to water</li> <li>product features, product functions, product components / general</li> <li>product feature</li> <li>PoE capability</li> <li>PoE+capability</li> <li>Yes</li> <li>silicon-free</li> <li>product component</li> <li>strain relief</li> <li>standards, specifications, approvals</li> <li>certificate of suitability</li> </ul>	ambient temperature	
during transport     chemical resistance         • to water	<ul><li>during operation</li></ul>	-40 +70 °C
chemical resistance  • to water  protection class IP  product features, product functions, product components / general  product feature  • PoE capability  • PoE+capability  • PoE+capability  • stilicon-free  product component  • strain relief  standards, specifications, approvals  certificate of suitability	<ul><li>during storage</li></ul>	-40 +70 °C
● 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  Standards, specifications, approvals  certificate of suitability	during transport	-40 +70 °C
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  * Yes  * Standards    * Standa		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
PoE capability     PoE+capability     Silicon-free     Yes  product component     strain relief     Yes  standards, specifications, approvals  certificate of suitability  Yes  Yes	product features, product functions, product component	s / general
PoE+capability     silicon-free     Yes  product component     strain relief     Yes  standards, specifications, approvals  certificate of suitability  Yes  Yes	product feature	
silicon-free     Yes  product component     strain relief     Yes  standards, specifications, approvals  certificate of suitability  Yes	<ul> <li>PoE capability</li> </ul>	Yes
product component  • strain relief  Yes  standards, specifications, approvals  certificate of suitability	<ul><li>PoE+capability</li></ul>	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		
	<ul> <li>RoHS conformity</li> </ul>	Yes

 UL approval Yes cULus approval No • railway application in accordance with EN 50155 No standard for structured cabling Cat5

6/30/2021

## further information / internet-Links

#### Internet-Link

last modified:

• 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 https://sie.ag/2QdlxcP connectors

http://automation.siemens.com/bilddb • to website: Image database • to website: CAx-Download-Manager http://www.siemens.com/cax • to website: Industry Online Support https://support.industry.siemens.com