## **SIEMENS**

Data sheet 6XV1830-3DH10

## product type designation

product description

## **PROFIBUS M12-Cable**

Flexible plug-in cable (2-core), preferred length, preassembled with two 5-pole M12 male/female connectors (B-coded)

PROFIBUS M12 plug-in cable (ET 200) Pre-assembled PB FC Trailing Cable with 2 M12 connectors, B-coded, 5-pole; 1.0m



suitability for use	Cable for connecting PROFIBUS stations (e.g. SIMATIC ET 200) to IP 65 degree of protection
cable designation	02YY (ST) C11Y 1x2x0,65/2,56-150 LI KF 40 FR petrol
wire length	1 m
electrical data	
attenuation factor per length	
• at 9.6 kHz / maximum	0.003 dB/m
• at 38.4 kHz / maximum	0.004 dB/m
• at 4 MHz / maximum	0.025 dB/m
• at 16 MHz / maximum	0.049 dB/m
impedance	
• rated value	150 Ω
● at 9.6 kHz	270 Ω
● at 38.4 kHz	185 Ω
• at 3 MHz 20 MHz	150 Ω
relative symmetrical tolerance	
<ul> <li>of the characteristic impedance at 9.6 kHz</li> </ul>	10 %
<ul> <li>of the characteristic impedance at 38.4 kHz</li> </ul>	10 %
• of the characteristic impedance at 3 MHz 20 MHz	10 %
loop resistance per length / maximum	133 mΩ/m
shield resistance per length / maximum	14 Ω/km
capacity per length / at 1 kHz	28 pF/m
operating voltage	
<ul> <li>RMS value</li> </ul>	80 V
mechanical data	
number of electrical cores	2
design of the shield	Overlapped aluminum-clad foil, sheathed in a braided screen of tin- plated copper wires
type of electrical connection / FastConnect	Yes
outer diameter	
<ul> <li>of inner conductor</li> </ul>	0.67 mm
<ul> <li>of the wire insulation</li> </ul>	2.56 mm
<ul> <li>of the inner sheath of the cable</li> </ul>	5.4 mm
of cable sheath	8 mm
symmetrical tolerance of the outer diameter / of cable sheath	0.4 mm
material	

of the interest sheath of the cable of color of the insulation of data wires of cable sheath of cable sheath  with single bend / minimum permissible with continuous bending  number of bending sycles  tensile load / maximum  weight per length 77 kg/km  maillein Conditions  ambient conditions  ambient semperature of uring aperation of uring stronge of uring transport of uring stronge of uring transport of uring stronge of uring transport of uring stronge of uring stronge of uring transport of uring stronge of uring stronge of uring transport of uring stronge of uring transport of uring stronge of uring strong	of the wire insulation	polyethylene (PE)
Of cable sheath Color  of the Insulation of data wires  of chable sheath Definition  of chable sheath		
color  of the insulation of data wires  of cable sheath  bending radius  with single bend / minimum permissible  with single bend / minimum permissible  with confirmous bending  120 mm  120		
e of ceble sheath bending radius evith single bend / minimum permissible evith conditious bending number of bending cycles tensile load / maximum 100 m weight per length 77 kg/km subtent conditions market conditions evith conditions market conditions market conditions  market conditions  ambient temperature evituring operation evituring peration evituring peration evituring program evituring for evity of the conditions evity of the conditions of the conditio		TOR(II E-0)
of cable sheath     bending ractus     with single bend / minimum permissible     with single bend / minimum permissible     with single bend / minimum permissible     with continuous bending     vith continuous bending that bending     vith continuous bending cycles at a bending     ratios of 120 mm (16x D) and an acceleration of 4 methods     vith continuous bending     vith continuous bending cycles at a bending     vith continuous bending cycles     vith continuous bending cycles     vith continuous bending cycles     vith continuous bending cycles at a bending     vith continuous bending cycles     vith continuous bending cycles     vith continuous bending cycles at a bending     vith continuous bending cycles at a bending     vith co		red/green
bending radius  • with single bend / minimum permissible • with continuous bending  number of bending cycles  tensile load / maximum  100 N  substitution of the properties of		
with single bend / minimum permissible     with continuous bending     verifications     very bending cycles     very bending cycles at a bending reduce of 120 mm (15x 0) and an acceleration of 4 ms² 100 N     very bending the permission of 17x kg/km     very bending the permission of 140 ms (15x 0) and an acceleration of 4 ms² 100 N     very bending the permission of 15x 0 ms (15x 0) and an acceleration of 4 ms² 100 N     very bending the permission of 15x 0 ms (15x 0) and an acceleration of 4 ms² 100 N     very bending the permission of 15x 0 ms (15x 0) and an acceleration of 4 ms² 100 N     very bending the permission of 15x 0 ms (15x 0) and an acceleration of 40 ms (15x 0) and accelera		petroi
• with continuous bending number of bending cycles radius of 120 mm (15x D) and an acceleration of 4 mis² tensile load / maximum weight per length 77 kg/km smblent conditions smblent temperature • during operation • during storage • during transport • during storage • during transport • during installation • note  Flecktrical properties measured at 20 °C, tests according to DIN 47250 part 4 respectively DIN VDE 0472;  ambient temperature • during installation • note • Elecktrical properties measured at 20 °C, tests according to DIN 47250 part 4 respectively DIN VDE 0472;  ambient condition / for operation • Limited segment length (see manual for PROFIBUS networks) fire behavior • to mineral oil • to inderese • to water • halogen-free • halogen-free • halogen-free • halogen-free • halogen-free • Alogen-free • Alogen	•	40 mm
Intensile load / maximum  Intensile load / m	·	
redius of 120 mm (15x D) and an acceleration of 4 m/s² tensile load / maximum  weight per length ambient conditions ambient remperature  • during operation • during storage • during transport • during storage • during installation • note  fire behavior • note • to mineral oil • to grease • to water radiological resistance / to UV radiation protection dass is P  product features, product functions, product components / general  product feature / Nes Spitched of suitability • EAC approval • CE marking • CE marking • CE marking • Pes Capproval • CE marking • Pes Capproval • Ce marking • Polski Rojear Statiow (PRS)  further information internet Links Internet Link • to website: Industrial communication • to w		
weight per length ambient conditions ambient temperature  during peratation during installation during installation ender ender ambient condition / for operation during installation ender ender  ambient condition / for operation ender ender ender  ambient condition / for operation fire behavior ender ender esistance  to mineral oil to grease e to water radiological resistance / to UV radiation product features, product functions, product components / general product features, product functions, product components / general product feature e halogen-free e halogen-free standards, specifications, approvals  ULETI. listing / 300 V Rating ULETI. style / 600 V Rating Ves extendards, specifications, approvals  ULETI. style / 600 V Rating Ves extendards despress very style of the product of substitution of the product desired in the product of the product		
ambient conditions ambient temperature  • during storage • during transport • during installation • note    Second	tensile load / maximum	100 N
ambient temperature  • during operation • during storage • during transport • during installation • note  ambient condition / for operation fire behavior • to mineral oil • to mineral oil • to water radiological resistance • to water • behavior • conditional functions, product components / genoral • halogen-free • sillicon-free • si	weight per length	77 kg/km
e during operation e during storage e during installation e during installation e note  Betericinal properties measured at 20 °C, tests according to DIN 47250 part 4 respectively. DIN VDE 0472  ambient condition / for operation  Internal resistance e to mineral oil e to grease e to water radiological resistance / to UV radiation protection class IP product feature, product functions, product components / general product feature e halogen-free e halogen-free e No e sillicon-free Standards, specifications, approvals  ULETL sitye / 600 V Rating  ULETL sitye / 600 V Rating  ULETL sitye / 600 V Rating  Ves RoHS conformity  America alsosification association e American Bureau of Shipping Europe Ltd. (ABS) e RoHS conformity  America disassification association e American Bureau of Shipping Europe Ltd. (ABS) e Per No e	ambient conditions	
during installation     during installation     enote      during installation     enote      ambient condition / for operation  Interest and i	ambient temperature	
during transport     during installation     ende     during installation     ende     ellectrical properties measured at 20 °C, tests according to DIN 47250 part 4 respectively DIN VDE 0472  ambient condition / for operation  fire behavior  chemical resistance     to mineral oil     e to grease     to mineral oil     e to grease     to mineral oil     e to grease     radiological resistance / to UV radiation     product features     halogen-free     halogen-free     halogen-free     halogen-free     slicon-free  standards, specifications, approvals  UL/ETL itsing / 300 V Rating  certificate of suitability     e AC approval     e CE marking     e RoHS conformity  Marine classification association     e American Bureau of Shipping Europe Ltd. (ABS)     e French marine classification society (BV)     Det Norske Veritas (DNV)     Det Norske Veritas (DNV)     Det Norske Veritas (DNV)     e Gemanische Lloyd (GL)     e Loyds Register of Shipping (ERS)     No     Polski Rejesti Statkow (PRS)     internet-Link     internet-Li	<ul> <li>during operation</li> </ul>	-40 +60 °C
oturing installation     onote	during storage	-40 +60 °C
enote		-40 +60 °C
ambient condition / for operation  fire behavior  chemical resistance  • to mineral oil  • to grease  • to water  radiological resistance / to UV radiation  protection class iP  product features, product functions, product components / general  protection class iP  product features, product functions, product components / general  protection class iP  product features, product functions, product components / general  protection class iP  product features, product functions, product components / general  product feature  • halogen-free  • silicon-free  • silicon-free  • halogen-free	during installation	-40 +60 °C
ambient condition / for operation  fire behavior  chemical resistance  • to mineral oil  • to grease  • to water  radiological resistance / to UV radiation  protection class iP  product features, product functions, product components / general  protection class iP  product features, product functions, product components / general  protection class iP  product features, product functions, product components / general  protection class iP  product features, product functions, product components / general  product feature  • halogen-free  • silicon-free  • silicon-free  • halogen-free	<u> </u>	Electrical properties measured at 20 °C, tests according to DIN 47250
fire behavior  chemical resistance  to mineral oil  to grease  to water  radiological resistance / to UV radiation  protection class IP  product features, product functions, product components / general  product features, product features, product functions, product components / general  No  Extending functions, product functions, product features, produc		part 4 respectively DIN VDE 0472
chemical resistance  • to mineral oil  • to grease  • to water  radiological resistance / to UV radiation  product features, product functions, product components / general  product features, product functions, product components / general  product features  • halogen-free  • halogen-free  • silicon-free  • yes   standards, specifications, approvals  UL/ETL listing / 300 V Rating  certificate of suitability  • EAC approval  • EAC approval  • CE marking  • RoHS conformity  Yes  • RoHS conformity  American Bureau of Shipping Europe Ltd. (ABS)  • French marine classification society (BV)  • Det Norske Veritas (DNV)  • Germanische Lloyd (GL)  • No  • No  • Polski Rejestr Statkow (PRS)  further information / internet-Links  Internet-Link  Internet-Link  • to website: Industry Mall  • to website: Industry Mall  • to website: Infustrial communication  • to website: Infustry Mall  • to website: Infustry Manager  • to website: Industry Online Support  • to website: Industry Online Support  • to website: Infustry Online Support  • to website: Industry Online Support	ambient condition / for operation	
• to mineral oil • to grease • to water radiological resistance / to UV radiation protection class IP product features, product functions, product components / general product feature • halogen-free • halogen-free • silicon-free •	fire behavior	flame resistant according to IEC 60332-1-2
• to grease • to water radiological resistance / to UV radiation protection class IP product features, product functions, product components / general product features, product functions, product components / general product feature • halogen-free • halogen-free • halogen-free • No • silicon-free  * Ves  **Indada Specifications, approvals  UL/ETL listing / 300 V Rating  Ves  **Indada Specifications, approvals  UL/ETL listing / 300 V Rating  UL/ETL listing / 300 V Rating  Ves  **Indada Specifications, approvals  UL/ETL listing / 300 V Rating  No  **Certificate of suitability • EAC approval • CE marking • Yes • RoHS conformity  **Yes  **Area Classification association • American Bureau of Shipping Europe Ltd. (ABS) • French marine classification society (BV) • Det Norske Veritas (DNV) • Det Norske Veritas (DNV) • Det Norske Veritas (DNV) • Cermanische Lloyd (GL) • No • Hippon Kajit Kyokai (NK) • Polski Rejestr Statkow (PRS) • No  **Internet-Link • No website: Industrial communication • to website: Industrial communication • to website: Industrial communication • to website: Information and Download Center • to website: Infor	chemical resistance	
e to water radiological resistance / to UV radiation resistant protection class IP  product features, product functions, product components / general  product feature  • halogen-free  • halogen-free  • halogon-free  • silicon-free  • silicon-free  • silicon-free  • Standards, specifications, approvals  UL/ETL listing / 300 V Rating  UL/ETL style / 600 V Rating  • EAC approval  • CE marking  • ROHS conformity  Marine classification association  • American Bureau of Shipping Europe Ltd. (ABS)  • French marine classification society (BV)  • Det Norske Veritas (DNV)  • Det Norske Veritas (DNV)  • Det Norske Veritas (DNV)  • No  • Detski Register of Shipping (LRS)  • Nippon Kajij Kyokai (NK)  • Polski Register of Shipping Linds)  • Internet-Link  internet-Link  • to web page: selection aid TIA Selection Tool  • to website: Industry Mall  • to website: Industry Online Support  • to website: Industry Online Support	• to mineral oil	oil resistant according to IEC 60811-2-1 (7x24h/90°C)
radiological resistance / to UV radiation protection class IP product features, product functions, product components / general product feature	• to grease	resistant
protection class IP product features, product functions, product components / general product feature	• to water	conditional resistance
product feature  • halogen-free • silicon-free • silicon-free • silicon-free • silicon-free • silicon-free • yes   **Standards, specifications, approvals  **UL/ETL listing / 300 V Rating **UL/ETL style / 600 V Rating **Qut/ETL style / 600 V Rating	radiological resistance / to UV radiation	resistant
product feature  • halogen-free • silicon-free • yes  standards, specifications, approvals  UL/ETL style / 600 V Rating  UL/ETL style / 600 V Rating  No certificate of suitability • EAC approval • CE marking • ROHS conformity  Marine classification association • American Bureau of Shipping Europe Ltd. (ABS) • French marine classification society (BV) • Det Norske Veritas (DNV) • Det Norske Veritas (DNV) • Oermanische Lloyd (GL) • Lloyds Register of Shipping (LRS) • Nippon Kaiji Kyokai (NK) • Polski Rejestr Statkow (PRS)  No  further information / internet-Links  Internet-Link • to web site: Industrial communication • to website: Industrial communication • to website: Information and Download Center • to website: Image database • to website: Inforset industry Mall • to website: Image database • to website: Infoustry Online Support • to website: Industry Online Support • to website: Industry Online Support • to website: Industry Online Support	protection class IP	IP65, IP67
halogen-free     sillicon-free     standards, specifications, approvals  UL/ETL listing / 300 V Rating  Ves; CMX  UL/ETL style / 600 V Rating  certificate of suitability     EAC approval     CE marking     RoHS conformity  Marine classification association     American Bureau of Shipping Europe Ltd. (ABS)     French marine classification society (BV)     Det Norske Veritas (DNV)     Det Norske Veritas (DNV)     Germanische Lloyd (GL)     No     Nippon Kaiji Kyokai (NK)     Polski Rejestr Statkow (PRS)  Internet-Link      to web page: selection aid TIA Selection Tool     to website: Industrial communication     to website: Industrial communication     to website: Industrial and Download Center     to website: Selection guide for cables and connectors     to website: Inage database     to website: Inage database     to website: Industry Online Support     https://support.industry.siemens.com/bilddb     https://support.industry.siemens.com/cax	product features, product functions, product components	/ general
stlicon-free Yes  standards, specifications, approvals  UL/ETL isting / 300 V Rating Yes; CMX  UL/ETL style / 600 V Rating No  certificate of suitability  • EAC approval Yes  • CE marking Yes  • RoHS conformity Yes  Marine classification association  • American Bureau of Shipping Europe Ltd. (ABS)  • French marine classification society (BV) No  • Det Norske Veritas (DNV) No  • Germanische Lloyd (GL) No  • Lloyds Register of Shipping (LRS) No  • Nippon Kalji Kyokai (NK) No  • Polski Rejestr Statkow (PRS) No  further information / internet-Links  Internet-Link  • to web page: selection aid TIA Selection Tool  • to website: Industry Mall  • to website: Industry Mall  • to website: Information and Download Center  • to website: Information and Download Center  • to website: Ingare database  • to website: Ingare database  • to website: Industry Online Support  • tups://support.industry.siemens.com/bilddb  • http://www.siemens.com/bilddb  • http://www.siemens.com/bilddb  • http://www.siemens.com/bilddb  • http://www.siemens.com/bilddb  • http://www.siemens.com/bilddb  • http://www.siemens.com/bilddb	product feature	
Standards, specifications, approvals  UL/ETL listing / 300 V Rating  UL/ETL style / 600 V Rating  certificate of suitability	<ul><li>halogen-free</li></ul>	No
UL/ETL listing / 300 V Rating  UL/ETL style / 600 V Rating  certificate of suitability	• silicon-free	Yes
UL/ETL style / 600 V Rating  certificate of suitability  EAC approval  RoHS conformity  Marine classification association  American Bureau of Shipping Europe Ltd. (ABS)  French marine classification society (BV)  Det Norske Veritas (DNV)  Germanische Lloyd (GL)  Lloyds Register of Shipping (LRS)  No  No  No  No  No  No  No  No  No  N	standards, specifications, approvals	
certificate of suitability  • EAC approval  • CE marking  • RoHS conformity  Marine classification association  • American Bureau of Shipping Europe Ltd. (ABS)  • French marine classification society (BV)  • Det Norske Veritas (DNV)  • Det Norske Veritas (DNV)  • Lloyds Register of Shipping (LRS)  • Nippon Kajij Kyokai (NK)  • Polski Rejestr Statkow (PRS)  Internet-Link  Internet-Link  • to web page: selection aid TIA Selection Tool  • to website: Industrial communication  • to website: Information and Download Center  • to website: Selection guide for cables and connectors  • to website: Image database  • to website: Inage database  • to website: Industry Online Support	UL/ETL listing / 300 V Rating	Yes; CMX
EAC approval CE marking Yes RoHS conformity Yes  Marine classification association American Bureau of Shipping Europe Ltd. (ABS) French marine classification society (BV) Det Norske Veritas (DNV) Germanische Lloyd (GL) Lloyds Register of Shipping (LRS) No	UL/ETL style / 600 V Rating	No
CE marking ROHS conformity  Marine classification association  American Bureau of Shipping Europe Ltd. (ABS) French marine classification society (BV) Det Norske Veritas (DNV) Germanische Lloyd (GL) Lloyds Register of Shipping (LRS) No No No No No Polski Rejestr Statkow (PRS) No  further information / internet-Links  Internet-Link  to web page: selection aid TIA Selection Tool to website: Industrial communication to website: Industry Mall to website: Information and Download Center to website: Selection guide for cables and connectors  to website: Image database to website: Industry Online Support  http://www.siemens.com/cax https://support.industry.siemens.com/cax https://support.industry.siemens.com/cax https://support.industry.siemens.com/cax https://support.industry.siemens.com/cax https://support.industry.siemens.com/cax https://support.industry.siemens.com/cax https://support.industry.siemens.com/cax https://support.industry.siemens.com/cax https://support.industry.siemens.com/cax	certificate of suitability	
Marine classification association  • American Bureau of Shipping Europe Ltd. (ABS)  • French marine classification society (BV)  • Det Norske Veritas (DNV)  • Germanische Lloyd (GL)  • Lloyds Register of Shipping (LRS)  • Nippon Kaiji Kyokai (NK)  • Polski Rejestr Statkow (PRS)  Internet-Link  Internet-Link  Internet-Link  • to web page: selection aid TIA Selection Tool  • to website: Industry Mall  • to website: Information and Download Center  • to website: Selection guide for cables and connectors  • to website: Image database  • to website: Industry Online Support	<ul> <li>EAC approval</li> </ul>	Yes
Marine classification association  • American Bureau of Shipping Europe Ltd. (ABS)  • French marine classification society (BV)  • Det Norske Veritas (DNV)  • Germanische Lloyd (GL)  • Lloyds Register of Shipping (LRS)  • Nippon Kaiji Kyokai (NK)  • Polski Rejestr Statkow (PRS)  Internet-Link  Internet-Link  • to web site: Industry Mall  • to website: Information and Download Center  • to website: Selection guide for cables and connectors  • to website: Image database  • to website: CAx-Download-Manager  • to website: Industry Online Support  • No  No  No  • http://www.siemens.com/ida-selection-tool  • http://www.siemens.com/simatic-net  • https://www.siemens.com/industry/infocenter  • https://www.siemens.com/industry/infocenter  • https://www.siemens.com/industry.siemens.com/bilddb  • http://www.siemens.com/cax  • https://www.siemens.com/cax  • https://support.industry.siemens.com	CE marking	Yes
American Bureau of Shipping Europe Ltd. (ABS) French marine classification society (BV) Det Norske Veritas (DNV) Germanische Lloyd (GL) Lloyds Register of Shipping (LRS) No No Nippon Kaiji Kyokai (NK) Polski Rejestr Statkow (PRS)  Internet-Link  Internet-Link   to web page: selection aid TIA Selection Tool to website: Industry Mall to website: Information and Download Center to website: Selection guide for cables and connectors to website: Image database to website: Industry Online Support  No	RoHS conformity	Yes
French marine classification society (BV) Det Norske Veritas (DNV) Germanische Lloyd (GL) Lloyds Register of Shipping (LRS) No Nippon Kaiji Kyokai (NK) Polski Rejestr Statkow (PRS)  Internet-Link  Int	Marine classification association	
Det Norske Veritas (DNV) Germanische Lloyd (GL) Lloyds Register of Shipping (LRS) No Nippon Kaiji Kyokai (NK) Polski Rejestr Statkow (PRS)  Internet-Link Internet-Link  Internet-Link  Oto web page: selection aid TIA Selection Tool Oto website: Industrial communication Oto website: Industry Mall Oto website: Information and Download Center Oto website: Selection guide for cables and connectors Oto website: Image database Oto website: CAx-Download-Manager Oto website: Industry Online Support  No	<ul> <li>American Bureau of Shipping Europe Ltd. (ABS)</li> </ul>	No
Germanische Lloyd (GL) Lloyds Register of Shipping (LRS) No Nippon Kaiji Kyokai (NK) Polski Rejestr Statkow (PRS)  Internet-Link  Internet-Link  to web page: selection aid TIA Selection Tool to website: Industrial communication to website: Industry Mall to website: Information and Download Center to website: Selection guide for cables and connectors  to website: Image database to website: Image database to website: Industry Online Support  No	<ul> <li>French marine classification society (BV)</li> </ul>	No
<ul> <li>Lloyds Register of Shipping (LRS)</li> <li>No</li> <li>Nippon Kaiji Kyokai (NK)</li> <li>Polski Rejestr Statkow (PRS)</li> <li>No</li> <li>Further information / internet-Links</li> <li>Internet-Link</li> <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: Selection guide for cables and connectors</li> <li>to website: Image database</li> <li>to website: CAx-Download-Manager</li> <li>to website: Industry Online Support</li> <li>No</li> <li>Nttp://www.siemens.com/tia-selection-tool</li> <li>http://www.siemens.com/simatic-net</li> <li>https://www.siemens.com</li> <li>http://www.siemens.com</li> <li>http://www.siemens.com/industry/infocenter</li> <li>https://sie.ag/2QdlxcP</li> </ul>	<ul> <li>Det Norske Veritas (DNV)</li> </ul>	No
<ul> <li>Nippon Kaiji Kyokai (NK)</li> <li>Polski Rejestr Statkow (PRS)</li> <li>No</li> <li>further information / internet-Links</li> <li>Internet-Link</li> <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: Selection guide for cables and connectors</li> <li>to website: Image database</li> <li>to website: CAx-Download-Manager</li> <li>to website: Industry Online Support</li> <li>No</li> <li>http://www.siemens.com/tia-selection-tool</li> <li>http://www.siemens.com/simatic-net</li> <li>http://www.siemens.com/industry/infocenter</li> <li>https://sie.ag/2QdixcP</li> </ul>	<ul> <li>Germanische Lloyd (GL)</li> </ul>	No
<ul> <li>Nippon Kaiji Kyokai (NK)</li> <li>Polski Rejestr Statkow (PRS)</li> <li>No</li> <li>further information / internet-Links</li> <li>Internet-Link</li> <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: Selection guide for cables and connectors</li> <li>to website: Image database</li> <li>to website: CAx-Download-Manager</li> <li>to website: Industry Online Support</li> <li>No</li> <li>http://www.siemens.com/tia-selection-tool</li> <li>http://www.siemens.com/simatic-net</li> <li>http://www.siemens.com/industry/infocenter</li> <li>https://sie.ag/2QdixcP</li> </ul>	<ul> <li>Lloyds Register of Shipping (LRS)</li> </ul>	No
Polski Rejestr Statkow (PRS)  Internet-Link  to web page: selection aid TIA Selection Tool to website: Industrial communication to website: Industry Mall to website: Information and Download Center to website: Selection guide for cables and connectors to website: Image database to website: Image database to website: CAx-Download-Manager to website: Industry Online Support  No  http://www.siemens.com/tia-selection-tool http://www.siemens.com/simatic-net https://mall.industry.siemens.com/ https://www.siemens.com/industry/infocenter https://sie.ag/2QdlxcP		No
Internet-Link  • to web page: selection aid TIA Selection Tool • to website: Industrial communication • to website: Industry Mall • to website: Information and Download Center • to website: Selection guide for cables and connectors • to website: Image database • to website: CAx-Download-Manager • to website: Industry Online Support  http://www.siemens.com/tia-selection-tool http://www.siemens.com/simatic-net https://mall.industry.siemens.com https://www.siemens.com/industry/infocenter https://sie.ag/2QdlxcP		No
Internet-Link  • to web page: selection aid TIA Selection Tool • to website: Industrial communication • to website: Industry Mall • to website: Information and Download Center • to website: Selection guide for cables and connectors • to website: Image database • to website: CAx-Download-Manager • to website: Industry Online Support  http://www.siemens.com/tia-selection-tool http://www.siemens.com/simatic-net https://mall.industry.siemens.com https://www.siemens.com/industry/infocenter https://sie.ag/2QdlxcP		
<ul> <li>to website: Industrial communication</li> <li>to website: Industry Mall</li> <li>to website: Information and Download Center</li> <li>to website: Selection guide for cables and connectors</li> <li>to website: Image database</li> <li>to website: CAx-Download-Manager</li> <li>to website: Industry Online Support</li> <li>http://www.siemens.com/simatic-net</li> <li>https://mall.industry.siemens.com/industry/infocenter</li> <li>http://www.siemens.com/industry/infocenter</li> <li>https://sie.ag/2QdlxcP</li> <li>https://sie.ag/2QdlxcP</li> <li>http://automation.siemens.com/bilddb</li> <li>http://www.siemens.com/cax</li> <li>http://www.siemens.com/cax</li> <li>https://support.industry.siemens.com</li> </ul>		
<ul> <li>to website: Industrial communication</li> <li>to website: Industry Mall</li> <li>to website: Information and Download Center</li> <li>to website: Selection guide for cables and connectors</li> <li>to website: Image database</li> <li>to website: CAx-Download-Manager</li> <li>to website: Industry Online Support</li> <li>http://www.siemens.com/simatic-net</li> <li>https://mall.industry.siemens.com/industry/infocenter</li> <li>http://www.siemens.com/industry/infocenter</li> <li>https://sie.ag/2QdlxcP</li> <li>https://sie.ag/2QdlxcP</li> <li>http://automation.siemens.com/bilddb</li> <li>http://www.siemens.com/cax</li> <li>http://www.siemens.com/cax</li> <li>https://support.industry.siemens.com</li> </ul>		http://www.siemens.com/tia-selection-tool
<ul> <li>to website: Industry Mall</li> <li>to website: Information and Download Center</li> <li>to website: Selection guide for cables and connectors</li> <li>to website: Image database</li> <li>to website: CAx-Download-Manager</li> <li>to website: Industry Online Support</li> <li>https://support.industry.siemens.com/</li> <li>https://support.industry.siemens.com/</li> <li>https://support.industry.siemens.com/</li> <li>https://support.industry.siemens.com/</li> </ul>		
<ul> <li>to website: Information and Download Center</li> <li>to website: Selection guide for cables and connectors</li> <li>to website: Image database</li> <li>to website: CAx-Download-Manager</li> <li>to website: Industry Online Support</li> <li>http://automation.siemens.com/bilddb</li> <li>http://www.siemens.com/cax</li> <li>http://support.industry.siemens.com</li> </ul>		
<ul> <li>to website: Selection guide for cables and connectors</li> <li>to website: Image database</li> <li>to website: CAx-Download-Manager</li> <li>to website: Industry Online Support</li> <li>http://automation.siemens.com/bilddb</li> <li>http://www.siemens.com/cax</li> <li>https://support.industry.siemens.com</li> </ul>	-	
connectors  • to website: Image database  • to website: CAx-Download-Manager  • to website: Industry Online Support  http://automation.siemens.com/bilddb  http://www.siemens.com/cax  https://support.industry.siemens.com		
<ul> <li>◆ to website: CAx-Download-Manager</li> <li>◆ to website: Industry Online Support</li> <li>http://www.siemens.com/cax</li> <li>https://support.industry.siemens.com</li> </ul>	connectors	
• to website: Industry Online Support  https://support.industry.siemens.com		
	<ul><li>to website: CAx-Download-Manager</li></ul>	
last modified: 6/23/2021 🖸	• to website: Industry Online Support	https://support.industry.siemens.com
	last modified:	6/23/2021 🗗