

Reference: 30006C

COMPLIANCE CERTIFICATE

Product: Connectors

Tested by request of TIANJIN GENEUO TECHNOLOGY CO., LTD.
Keji Dadao, South District, Jinghai Economic Development
Zone, Tianjin, China

Manufactured at (name and place) TIANJIN GENEUO TECHNOLOGY CO., LTD.
Keji Dadao, South District, Jinghai Economic Development
Zone, Tianjin, China

Trade mark (if any): 

Model/Type Ref: See page 2-4

Ratings and principal characteristics: See page 4

Additional information (if any) :-


A sample of the product has been tested and found to be in conformity with :

EN 61984:2009

as shown in the test report(s) SHES260100116901

This Compliance Certificate is the result of testing a sample of the product submitted, in accordance with the provisions of the relevant specific standard. It does not imply an assessment of the whole production. This Compliance Certificate has been issued in accordance with the SGS CEBC certification program CPRStd003, which is available on request. Conformity of the produced products with the specimen tested remains on the full responsibility of the manufacturer.

Brussels, 19/05/2026


Mark Lohmann
Certification Manager.

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Model/Type Ref:

M12 I/O series connectors:

PL	V	E	B	WD	L	K	C	D	4	P	2	2M	P00	GY	20	CYE	HYE	BST25	T00	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
1	M12 Power series connector PT T-CODE PS S-CODE PL L-CODE PK K-CODE			Blank Standard V Seismic Anti-Retreat			E M12X1 Connector	Blank A-code B B-code P Profibus I Ethernet, Profinet N DeviceNet Y Y-Code		Blank Brass Nickel-Plated Nut WD Stainless Steel Nut AF Plastic Nut		Blank Straight L Right angle		K Female Z Male	Pin Type Blank Standard C coiled pin		Blank Standard D Short Structure		Wire gauge Blank Standard 2.5pin 22AWG:0.34mm 6-12pin 24AWG:0.25mm 20 20AWG:0.5mm ² 18 18AWG:0.75mm ²	
2	Blank Standard V Seismic Anti-Retreat			E M12X1 Connector			Blank A-code B B-code P Profibus I Ethernet, Profinet N DeviceNet Y Y-Code		Blank Brass Nickel-Plated Nut WD Stainless Steel Nut AF Plastic Nut		Blank Straight L Right angle		K Female Z Male	Pin Type Blank Standard C coiled pin		Blank Standard D Short Structure		Wire gauge Blank Standard 2.5pin 22AWG:0.34mm 6-12pin 24AWG:0.25mm 20 20AWG:0.5mm ² 18 18AWG:0.75mm ²		
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4	Blank Standard V Seismic Anti-Retreat			E M12X1 Connector			Blank A-code B B-code P Profibus I Ethernet, Profinet N DeviceNet Y Y-Code		Blank Brass Nickel-Plated Nut WD Stainless Steel Nut AF Plastic Nut		Blank Straight L Right angle		K Female Z Male	Pin Type Blank Standard C coiled pin		Blank Standard D Short Structure		Wire gauge Blank Standard 2.5pin 22AWG:0.34mm 6-12pin 24AWG:0.25mm 20 20AWG:0.5mm ² 18 18AWG:0.75mm ²		
5	Blank Standard V Seismic Anti-Retreat			E M12X1 Connector			Blank A-code B B-code P Profibus I Ethernet, Profinet N DeviceNet Y Y-Code		Blank Brass Nickel-Plated Nut WD Stainless Steel Nut AF Plastic Nut		Blank Straight L Right angle		K Female Z Male	Pin Type Blank Standard C coiled pin		Blank Standard D Short Structure		Wire gauge Blank Standard 2.5pin 22AWG:0.34mm 6-12pin 24AWG:0.25mm 20 20AWG:0.5mm ² 18 18AWG:0.75mm ²		
6	Blank Standard V Seismic Anti-Retreat			E M12X1 Connector			Blank A-code B B-code P Profibus I Ethernet, Profinet N DeviceNet Y Y-Code		Blank Brass Nickel-Plated Nut WD Stainless Steel Nut AF Plastic Nut		Blank Straight L Right angle		K Female Z Male	Pin Type Blank Standard C coiled pin		Blank Standard D Short Structure		Wire gauge Blank Standard 2.5pin 22AWG:0.34mm 6-12pin 24AWG:0.25mm 20 20AWG:0.5mm ² 18 18AWG:0.75mm ²		
7	Blank Standard V Seismic Anti-Retreat			E M12X1 Connector			Blank A-code B B-code P Profibus I Ethernet, Profinet N DeviceNet Y Y-Code		Blank Brass Nickel-Plated Nut WD Stainless Steel Nut AF Plastic Nut		Blank Straight L Right angle		K Female Z Male	Pin Type Blank Standard C coiled pin		Blank Standard D Short Structure		Wire gauge Blank Standard 2.5pin 22AWG:0.34mm 6-12pin 24AWG:0.25mm 20 20AWG:0.5mm ² 18 18AWG:0.75mm ²		
8	Blank Standard V Seismic Anti-Retreat			E M12X1 Connector			Blank A-code B B-code P Profibus I Ethernet, Profinet N DeviceNet Y Y-Code		Blank Brass Nickel-Plated Nut WD Stainless Steel Nut AF Plastic Nut		Blank Straight L Right angle		K Female Z Male	Pin Type Blank Standard C coiled pin		Blank Standard D Short Structure		Wire gauge Blank Standard 2.5pin 22AWG:0.34mm 6-12pin 24AWG:0.25mm 20 20AWG:0.5mm ² 18 18AWG:0.75mm ²		
9	Blank Standard V Seismic Anti-Retreat			E M12X1 Connector			Blank A-code B B-code P Profibus I Ethernet, Profinet N DeviceNet Y Y-Code		Blank Brass Nickel-Plated Nut WD Stainless Steel Nut AF Plastic Nut		Blank Straight L Right angle		K Female Z Male	Pin Type Blank Standard C coiled pin		Blank Standard D Short Structure		Wire gauge Blank Standard 2.5pin 22AWG:0.34mm 6-12pin 24AWG:0.25mm 20 20AWG:0.5mm ² 18 18AWG:0.75mm ²		
10	Blank Standard V Seismic Anti-Retreat			E M12X1 Connector			Blank A-code B B-code P Profibus I Ethernet, Profinet N DeviceNet Y Y-Code		Blank Brass Nickel-Plated Nut WD Stainless Steel Nut AF Plastic Nut		Blank Straight L Right angle		K Female Z Male	Pin Type Blank Standard C coiled pin		Blank Standard D Short Structure		Wire gauge Blank Standard 2.5pin 22AWG:0.34mm 6-12pin 24AWG:0.25mm 20 20AWG:0.5mm ² 18 18AWG:0.75mm ²		
11	Blank Standard V Seismic Anti-Retreat			E M12X1 Connector			Blank A-code B B-code P Profibus I Ethernet, Profinet N DeviceNet Y Y-Code		Blank Brass Nickel-Plated Nut WD Stainless Steel Nut AF Plastic Nut		Blank Straight L Right angle		K Female Z Male	Pin Type Blank Standard C coiled pin		Blank Standard D Short Structure		Wire gauge Blank Standard 2.5pin 22AWG:0.34mm 6-12pin 24AWG:0.25mm 20 20AWG:0.5mm ² 18 18AWG:0.75mm ²		
12	Blank Standard V Seismic Anti-Retreat			E M12X1 Connector			Blank A-code B B-code P Profibus I Ethernet, Profinet N DeviceNet Y Y-Code		Blank Brass Nickel-Plated Nut WD Stainless Steel Nut AF Plastic Nut		Blank Straight L Right angle		K Female Z Male	Pin Type Blank Standard C coiled pin		Blank Standard D Short Structure		Wire gauge Blank Standard 2.5pin 22AWG:0.34mm 6-12pin 24AWG:0.25mm 20 20AWG:0.5mm ² 18 18AWG:0.75mm ²		
13	Blank Standard V Seismic Anti-Retreat			E M12X1 Connector			Blank A-code B B-code P Profibus I Ethernet, Profinet N DeviceNet Y Y-Code		Blank Brass Nickel-Plated Nut WD Stainless Steel Nut AF Plastic Nut		Blank Straight L Right angle		K Female Z Male	Pin Type Blank Standard C coiled pin		Blank Standard D Short Structure		Wire gauge Blank Standard 2.5pin 22AWG:0.34mm 6-12pin 24AWG:0.25mm 20 20AWG:0.5mm ² 18 18AWG:0.75mm ²		
14	Blank Standard V Seismic Anti-Retreat			E M12X1 Connector			Blank A-code B B-code P Profibus I Ethernet, Profinet N DeviceNet Y Y-Code		Blank Brass Nickel-Plated Nut WD Stainless Steel Nut AF Plastic Nut		Blank Straight L Right angle		K Female Z Male	Pin Type Blank Standard C coiled pin		Blank Standard D Short Structure		Wire gauge Blank Standard 2.5pin 22AWG:0.34mm 6-12pin 24AWG:0.25mm 20 20AWG:0.5mm ² 18 18AWG:0.75mm ²		
15	Blank Standard V Seismic Anti-Retreat			E M12X1 Connector			Blank A-code B B-code P Profibus I Ethernet, Profinet N DeviceNet Y Y-Code		Blank Brass Nickel-Plated Nut WD Stainless Steel Nut AF Plastic Nut		Blank Straight L Right angle		K Female Z Male	Pin Type Blank Standard C coiled pin		Blank Standard D Short Structure		Wire gauge Blank Standard 2.5pin 22AWG:0.34mm 6-12pin 24AWG:0.25mm 20 20AWG:0.5mm ² 18 18AWG:0.75mm ²		
16	Blank Standard V Seismic Anti-Retreat			E M12X1 Connector			Blank A-code B B-code P Profibus I Ethernet, Profinet N DeviceNet Y Y-Code		Blank Brass Nickel-Plated Nut WD Stainless Steel Nut AF Plastic Nut		Blank Straight L Right angle		K Female Z Male	Pin Type Blank Standard C coiled pin		Blank Standard D Short Structure		Wire gauge Blank Standard 2.5pin 22AWG:0.34mm 6-12pin 24AWG:0.25mm 20 20AWG:0.5mm ² 18 18AWG:0.75mm ²		
17	Blank Standard V Seismic Anti-Retreat			E M12X1 Connector			Blank A-code B B-code P Profibus I Ethernet, Profinet N DeviceNet Y Y-Code		Blank Brass Nickel-Plated Nut WD Stainless Steel Nut AF Plastic Nut		Blank Straight L Right angle		K Female Z Male	Pin Type Blank Standard C coiled pin		Blank Standard D Short Structure		Wire gauge Blank Standard 2.5pin 22AWG:0.34mm 6-12pin 24AWG:0.25mm 20 20AWG:0.5mm ² 18 18AWG:0.75mm ²		
18	Blank Standard V Seismic Anti-Retreat			E M12X1 Connector			Blank A-code B B-code P Profibus I Ethernet, Profinet N DeviceNet Y Y-Code		Blank Brass Nickel-Plated Nut WD Stainless Steel Nut AF Plastic Nut		Blank Straight L Right angle		K Female Z Male	Pin Type Blank Standard C coiled pin		Blank Standard D Short Structure		Wire gauge Blank Standard 2.5pin 22AWG:0.34mm 6-12pin 24AWG:0.25mm 20 20AWG:0.5mm ² 18 18AWG:0.75mm ²		
19	Blank Standard V Seismic Anti-Retreat			E M12X1 Connector			Blank A-code B B-code P Profibus I Ethernet, Profinet N DeviceNet Y Y-Code		Blank Brass Nickel-Plated Nut WD Stainless Steel Nut AF Plastic Nut		Blank Straight L Right angle		K Female Z Male	Pin Type Blank Standard C coiled pin		Blank Standard D Short Structure		Wire gauge Blank Standard 2.5pin 22AWG:0.34mm 6-12pin 24AWG:0.25mm 20 20AWG:0.5mm ² 18 18AWG:0.75mm ²		
20	Blank Standard V Seismic Anti-Retreat			E M12X1 Connector			Blank A-code B B-code P Profibus I Ethernet, Profinet N DeviceNet Y Y-Code		Blank Brass Nickel-Plated Nut WD Stainless Steel Nut AF Plastic Nut		Blank Straight L Right angle		K Female Z Male	Pin Type Blank Standard C coiled pin		Blank Standard D Short Structure		Wire gauge Blank Standard 2.5pin 22AWG:0.34mm 6-12pin 24AWG:0.25mm 20 20AWG:0.5mm ² 18 18AWG:0.75mm ²		

Data series connectors:

E	I	L	K	4	2M	F41
1	2	3	4	5	6	7
1	E M12x1 Connector S M8x1 Connector		K Female Z Male		Cable type F41 PVC fixed installation F410 TPU drag chain E41 PUR fixed installation E45 TPU drag chain E61 PVC fixed installation E65 PVC drag chain E71 PVC fixed installation F21 PVC fixed installation F23 TPU drag chain F230 PUR drag chain	
2	I Ethernet IX X-code		Number of pins Contact distribution		Cable type F41 PVC fixed installation F410 TPU drag chain E41 PUR fixed installation E45 TPU drag chain E61 PVC fixed installation E65 PVC drag chain E71 PVC fixed installation F21 PVC fixed installation F23 TPU drag chain F230 PUR drag chain	
3	Blank Straight L Right angle		Length [m]		Cable type F41 PVC fixed installation F410 TPU drag chain E41 PUR fixed installation E45 TPU drag chain E61 PVC fixed installation E65 PVC drag chain E71 PVC fixed installation F21 PVC fixed installation F23 TPU drag chain F230 PUR drag chain	

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Model/Type Ref:

M	T	S	RJ45S	2M	/	F41	-	CR
1	2	3	4	5		6		7

1	Blank	Standard shape
	M	Mini shape
2	Blank	Right angle, Buckle up
	T	Right angle, Buckle up
	B	Right angle, Buckle down
	CU	Straight, Screw cordset
	D	Straight, version
3	Blank	RJ45
	S	QD-type RJ45
4	RJ45S	Shielding
6	Cable type	
	F41	PVC fixed installation
	F410	TPU drag chain
	E41	PUR fixed installation
	E43	TPU drag chain
	E45	TPU drag chain
	E61	PVC fixed installation
	E65	PVC drag chain
	E71	PVC fixed installation
	F21	PVC fixed installation
	F23	TPU drag chain
	F230	PUR drag chain
7	Line sequence	
	Blank	Standard
	CR	Cross

7/8"series connectors:

M	L	K	4	-	2M	/	20	/	T00
1	2	3	4	5	6		7		

1	M	7/8"-16UN Connector
2	Blank	Straight
	L	Right angle
3	K	Female
	Z	Male
4	Number of pins	Contact distribution
5	Length	[m]
6	Cable and pre-moulding connector part number key	
	Blank	Black PVC, 16 AWG, plug body black
	20	Yellow PVC, 16AWG, plug body yellow
	22	Grey PVC, 16AWG, plug body black
	24	Yellow highly flexible PUR, 16AWG, plug body yellow
	25	Grey PVC, 6AWG, plug body grey
	47	Black PVC, 16AWG, plug body blue
	48	Black highly flexible PUR, 16AWG, plug body blue
	49	Black highly flexible PUR, 16AWG plug body black
	52	Grey highly flexible PUR, 16AWG plug body black
	57	Grey PVC, 16AWG, plug body blue
	P314	Yellow highly flexible PUR, 14AWG plug body yellow
	P324	Yellow PVC, 14AWG, plug body yellow
	P514	Black highly flexible PUR, 14AWG plug body black
	P524	Black PVC, 14AWG, plug body black
7	Varieties	

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Model/Type Ref:

Splitter Series Connectors:

Splitter Series Connectors																							
YK	4	2	EK	3	1M	1M	/	P00	/	YE	/	HYE	/	BST25	/	T00							
1	2	3	4	5	6	7	8	9	10	11	12												
1	YZ Compact type Male M12x1 YK Compact type Female M12x1 YHZ Compact Installation type Male M12x1 YHK Compact Installation type Female M12x1 YSZ Compact type Male M8x1 YSK Compact type Female M8x1 YHSZ Compact Installation type Male M8x1 YHSK Compact Installation type Female M8x1 YWZ Wide type Male M12x1 YWK Wide type Female M12x1 YVZ Narrow type Male M12x1 YVK Narrow type Female M12x1 YVSZ Narrow type Male M8x1 YVSK Narrow type Female M8x1 YMZ Narrow Installation type Male M12x1 YMK Narrow Installation type Female M12x1	2	Number of pins Contact distribution	3	Branch connection number Blank Adapter	4	EK M12x1 Female EZ M12x1 Male FEK M12x1 Receptacle Female FEZ M12x1 Receptacle Male SK M8x1 Female SZ M8x1 Male FSK M8x1 Receptacle Female FSZ M8x1 Receptacle Male	5	Number of pins Contact distribution	6	Branch1 length [m]	7	Branch2 length [m]	8	Cable code As with M12 I/O type cable code	9	Color of cable Blank Standard black YE Yellow (Customization) GY Gray (Customization)	10	Color of plug body Blank Standard black HYE Plug body yellow(Customization) HBU Plug body blue(Customization)	11	Identification cover(No marking plate) One plug-in is provided for each end by default Blank It comes without an identification set by default BST25 25mm long identification cover	12	Varieties

Ratings and principal characteristics:

Series model	Ratings	Number of pins	Remark
M12 I/O series connectors	250VAC/DC 4A(max) IP67	3, 4, 5, 6, 8, 12, 17	I/O and power categories have different error prevention structures and cannot be plugged together.
Data series connectors	60VAC/DC 1,5A(max) IP67	4, 8	
7/8"series connectors	600VAC/DC 9A(max) IP67	3, 4, 5, 6, 7	
Splitter Series Connectors	250VAC/DC 4A(max) IP67	3, 4, 5, 6, 8	

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