

VERIFICATION OF COMPLIANCE

No.:	LVD SHES2604006455CO
Applicant:	TIANJIN GENEUO TECHNOLOGY CO., LTD. Keji Dadao, South District, Jinghai Economic Development Zone, Tianjin, China
Manufacturer:	TIANJIN GENEUO TECHNOLOGY CO., LTD. Keji Dadao, South District, Jinghai Economic Development Zone, Tianjin, China
Product Name:	Connectors
Product Description:	Connectors
Model No.:	See page 3-8
Trade Mark:	
Rating:	See page 2
Degree of Protection:	IP67
Additional Information:	-
Sufficient samples of the product have been tested and found to be in conformity with	
Test Standard:	EN 61984: 2009
as shown in the	
Test Report Number(s):	SHES260400645501

This Verification of Compliance has been granted to the applicant based on the results of tests, performed by Laboratory of SGS-CSTC Standards Technical Services Co., Ltd. on sample of the above-mentioned product in accordance with the provisions of the relevant harmonized standards under the Low Voltage Directive 2014/35/EU. The CE marking can be affixed, under the responsibility of the manufacturer, after completion of an EC Declaration of Conformity and compliance with all relevant EC Directives. The affixing of the CE marking presumes in addition that the conditions in annexes III and IV of the Directive are fulfilled.



Andrew Zhai
 Technical Manager
 SGS-CSTC Standards Technical Services Co., Ltd.

2026-06-08

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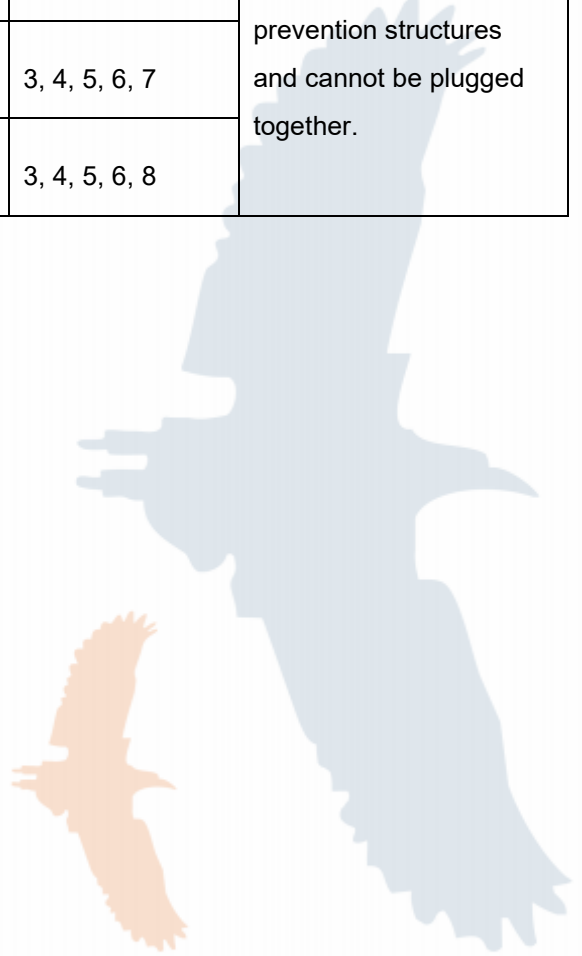
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No.: LVD SHES2604006455CO

Other information added:

Rating:

Series model	Ratings	Number of pins	Remark
M12 series connectors	630VAC/DC 16A(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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Other information added:

Mode details:

M12 series connectors:

Pre-moulding connector part number key

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						8	Pin Type Blank Standard C coiled pin					16	Wire gauge Blank Standard 2-5pin 22AWG 6-12pin 24AWG 20 20AWG 18 18AWG					
2	Blank Standard V Seismic Anti-Retreat						9	Blank Standard D Short Structure					17	Color of contact carrier Blank Standard black					
3	E M12X1 Connector						10	Number of pins Contact distribution					18	Color of plug body Blank Standard black HGY Plug body gray HYE Plug body yellow HBU Plug body blue HOR Plug body orange HRD Plug body red					
4	Blank A-code B B-code P Profibus I Ethernet, Profinet N DeviceNet Y Y-Code IX X-Code						11	LED Options(I/O connector) P PNP N NPN					19	label sleeves (No tag) The double-ended connector defaults to two, and the single-ended connector defaults to one. Blank No label sleeves BST25 25mm Long label sleeves					
5	Blank Brass Nickel-Plated Nut WD Stainless Steel Nut AF Plastic Nut						12	Number of LED indicator					20	Varieties					
6	Blank Straight L Right angle						13	Cable Length[m]											
7	K Female Z Male						14	Cable Jacket Refer to Cable Type Specs											
						15	Color of cable Blank Standard blank GY Gray OR Orange YE Yellow												

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No.:

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Other information added:

Mode details:

Flange Connector Naming Rules

PS	FE	B	L	K	4	1	1	0.5	NPT	ST316	H	22AWG	T00
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1 M12 Power Series PT T-CODE PS S-CODE PL L-CODE PK K-CODE	2 FE M12X1 Flange Connector	3 Blank A-code B B-code D D-code P Profibus (B-Code) I Ethernet, Profinet (D-Code) IX Ethernet, Profinet (X-Code) N DeviceNet	4 Blank Straight L Right angle 90° (only PCB, SMD)	5 K Female Z Male	6 Number of pins Contact distribution	7 Connection Mode 1 Rear mount 2 Front mount	8 Blank Standard Length 1 Short	9 0.5 Length of cable 0.5m L Solder cup P PCB pins S SMD	10 Connection Thread Spec Blank PG9 M16 M16×1.5 NPT 1/2-14NPT NPSM 1/2-14NPSM RS14 Rectangular screw connection screw pitch 14mm	11 Blank Cu-Ni Plated Flange Housing ST316 Stainless Steel Flange Housing AF Plastic Flange Housing	12 H Harpoon Bracket G Grounding	13 Wire gauge of cable Blank 2-5 pin 22AWG 24AMG 6-12pin 26AMG 17 pin	14 Varieties

Field-Wirable Connector Naming Rules

E	L	K	4	2	1	1	0	7	L
1	2	3	4	5	6	7	8	9	10
1 E M12Field-Wirable Connector	2 Blank Straight L Right angle	3 K Female Z Male	4 Number of pins	5 Contact material 1 Copper alloy, gold-plated 2 Copper alloy, silver-plated	6 1 A-code (I/O Connector) 2 B-code (Network Connector) 3 D-code (Network Connector) 4 T-code (Power Connector) 5 S-code (Power Connector) 6 X-code (Network Connector) 7 L-code (Power Connector) 8 K-code (Power Connector)	7 Shell Material 1 Plastic shell, nylon contact 2 Plastic shell, metal contact 3 Plastic shell, stainless steel gold - plated contact 4 Transparent plastic shell, metal contact 5 Transparent plastic shell, metal contact 8 All - metal, brass contact 9 All - metal, stainless steel shell	8 Rear connection mode 0: Single output 1: Dual output interface 2: Dual output & dual - wire interface	9 Cable interface 7: PG7 (Locking cable OD range 4-6mm) 9: PG9 (Locking cable OD range 6-8mm) 11: PG11 (Locking cable OD range 8-10mm)	10 Connection method Blank Rivet connection L Soldering connection C Crimp connection IDC Insulation - displacement connection



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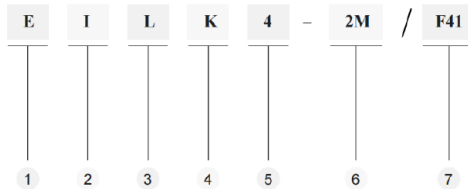
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Other information added:

Mode details:

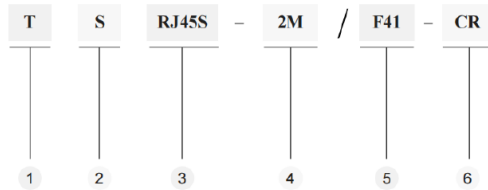
Data series connectors:

Pre-moulding connector



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

RJ45 Pre-moulding connector



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



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No.:

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Other information added:

Mode details:

7/8"series connectors:

Pre-moulding connector number key

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

- M 7/8"-16UN Connector
MN 7/8"-DeviceNet™
- Blank Straight
L Right angle
- K Female
Z Male
- Number of pins
Contact distribution
- Length [m]
- 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
- Varieties

Receptacle connector part number key

FM	K	4	1	-	0.5	/	M20	/	18AWG	/	T00
1	2	3	4		5		6		7		8

- FM 7/8"-16UN receptacle
- K Female
Z Male
- Number of pins
Number allocation
- Termination (mounting style)
1 Rear mount
2 Front mount
- 0.5 length of cable 0.5m
L Solder cup
P PCB pins
- Connection thread specification
PG13.5 13.5
M20 M20X1.5
M30 M30X1.5
NPT 1/2-14
NPSM 1/2-14
- Wire gauge
Blank 16AWG
Standard Wire gauge 18AWG
- Varieties



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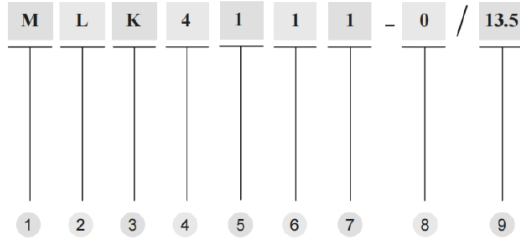
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Other information added:

Mode details:

Field wireable connector
part number key



1 M 7/8"-16UN field wireable connector

2 L Right angle
Blank Straight

3 K Female
Z Male

4 Number of pins
Nnmber allocation

5 material of pin
1 Ag plated brass
2 Au plated brass

6 1 A-code

7 Housing material
0 Plastic housing
Nylon coupling nut
1 Plastic housing
cast aluminum
coupling nut
2 Plastic housing
Stainless steel
coupling nut

8 Thread type connection thread
0:Single cable
1: Dual cable

9 Cable opening
9 PG9(Locking cable outer
diameter range4~6mm)
11 PG11(Locking cable outer
diameter range8~10mm)
13.5 PG13.5(Locking cable outer
diameter range10~12mm)

Termination Blank Screw terminals



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Other information added:

Mode details:

Splitter Series Connectors:

Splitter

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 YFWK Wide type Flange Female M12x1 YFWZ Wide type Flange Male 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

Junction box

JB	S	8	M12	S	4	P	J	R	P10	YE	T00												
1	2	3	4	5	6	7	8	9	10	11	12												
1	JB Standard Junction box JBW Wide type Junction box	2	Shell material Blank Nylon (PA) S cast aluminum	3	Port number 4 4ports 6 6ports 8 8ports 12 12ports	4	Port link type M8,M12	5	Blank No grounding plate S With grounding plate	6	Number of pins Contact distribution	7	LED Options Blank No LED P PNP N NPN	8	Connection Type Blank M23Horizontal T M23Vertical M12 M12Vertical M16 M16Vertical J Terminal connection D2 Cable connection 2m	9	Each port signal number Blank Single signal R Dual signal	10	Material of straight cable outlet Blank PVC P10 PUR	11	Color of straight cable outlet Blank Black YE Yellow GY Grey	12	Varieties



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