

[illegible]

Power supply	24 VDC		24 VDC		24 VDC		24 VDC		24 VDC		24 VDC		24 VDC
Electrical Connection	1/2"NPTor M20*1.5		1/2"NPTor M20*1.5		1/2"NPTor M20*1.5		1/2"NPTor M20*1.5		1/2"NPTor M20*1.5		1/2"NPTor M20*1.5		1/2"NPTor M20*1.5
Process Connection	Flange with fixing thread 7/16-20 UNF and 1/4-18 NPT female thread on both sides		Flange with fixing thread 7/16-20 UNF and 1/4-18 NPT female thread on both sides		1/4"-2" Thread		1" to 6" Flange		1" to 6" Flange		1" to 6" Flange		Flange with fixing thread 7/16-20 UNF and 1/4-18 NPT
Response time	0.2 to 1.67 sec	0.1 to 1.6 sec	0.2 to 1.67 sec	0.1 to 1.6 sec	0.2 to 1.67 sec	0.1 to 1.6 sec	0.2 to 1.67 sec	0.1 to 3 sec	0.2 to 1.67 sec	0.1 to 3sec	0.2 to 1.67 sec	0.1 to 3 sec	0.1 to 1.6 sec
Stability	0.1% within 12 months of maximum span	within 12 months of maximum span	0.1% within 12 months of maximum span	0.075% within 12 months of maximum span	0.1% within 12 months of maximum span	0.075% within 12 months of maximum span	0.1% within 12 months of maximum span	0.075 % within 12 months of maximum span	0.1% within 12 months of maximum span	0.075 within 12 months of maximum span	0.1% within 12 months of maximum span	0.075% within 12 months of maximum span	0.075% within 12 months of maximum span
Medium Temperature	-25 to 120 °C	-25 to 120 °C	-25 to 120 °C	-25 to 120 °C	-25 to 120 °C	-25 to 120 °C	-25 to 180 °C	-25 to 180 °C	-30 to 400°C	-30 to 400°C	-30 to 400°C	-30 to 400°C	-30 to 480°C
Fill fluid	Silicone oil/ Vegetable oil	Silicone oil/ Vegetable oil	Silicone oil/ Vegetable oil	Silicone oil/ Vegetable oil	Silicone oil/ Vegetable oil	Silicone oil/ Vegetable oil	Silicone oil/ Vegetable oil	Silicone oil/ Vegetable oil	Silicone oil/ Vegetable oil	Silicone oil/ Vegetable oil	Silicone oil/ Vegetable oil	Silicone oil/ Vegetable oil	Silicone oil/ Vegetable oil
Display	LCD with backlight		LCD with backlight		LCD with backlight		LCD with backlight		LCD with backlight		LCD with backlight		LCD with backlight
Housing	Aluminum with epoxy resin coat		Aluminum with epoxy resin coat		Aluminum with epoxy resin coat		Aluminum with epoxy resin coat		Aluminum with epoxy resin coat		Aluminum with epoxy resin coat		Aluminum with epoxy resin coat
Turn Down Ratio	40:1	100:1	40:1	100:1	40:1	100:1	40:1	100:1	40:1	100:1	40:1	100:1	100*1
Degree of protection	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67
Weight (kg)	4.5	4	4.5	4	2.5	2.5	DN 50/2" about 7~10kg; DN 80/3" about 8~11kg; DN 4" about 9~12kg				DN 50/2" about 7~10kg; DN 80/3" about 8~11kg; DN 4" about 9~		4.5

SIL



Functional Safety Verification

No. 3B171218.JJSQD55

Test Report no. JC171217001PR

Certificate's Holder: Jiangsu Jiechuang Science And Technology Co., Ltd.
No.288,Tongtai road, Jinhu industrial park, Huai'an, Jiangsu, China.

Product: Differential Pressure / Pressure Transmitter
Model(s): JC-G □, JC-E □.

Standard: IEC 61508:2010 Parts 1-7

Verification Mark:



The Verification Mark can be affixed on the product. It is NOT permitted to alter the Verification Mark in any way

Notes: Systematic Integrity: SIL2 Capable;
Random Integrity: Type A Element;
Hardware Fault Tolerance : HFT=0;
PFD_{avg} and Architecture Constraints must be verified for each application;

*Specific Requirements: The instructions of the associated Installation and Operating Manual shall be considered.

Remark: This SIL Verification of Compliance has been issued on a voluntary basis. ECM confirms that a Test Report is existent for the above listed product(s) and found to meet the requirements of above standards for application in safety related system up to Safety Level of SIL 2.
The unit must be properly designed into a Safety Instrument Function as per the requirements in the Safety Manual. The Verification Mark shown above can be affixed on the product. It is NOT permitted to alter the Verification Mark in any way. In addition the Verification's Holder is NOT allowed to transfer the Verification to third parties. This certificate can be checked for validity at www.entecerma.it

Date of issue 18 December 2017

Expiry date 17 December 2022

Chief Manager
Marco Morina

Deputy Manager
Amanda Payne

Ente Certificazione Macchine

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CERTIFICATE OF CONFORMITY

TEST REPORT NO: JJS-17000517-2

CERTIFICATE NO: UST-CE-3680

NAME OF THE MANUFACTURER:

Jiangsu Jiechuang Science And Technology Co.,Ltd

ADDRESS:

288#, Tongtai Road, Jinhu Industrial Park, Huai' an, Jiangsu, China.

PRODUCT NAME:

Pressure Transmitter

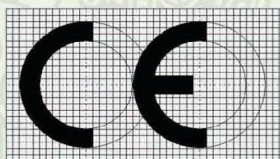
PRODUCT MODEL:

**BCST-JCGP; BCST-JCDP; BCST-JCBP; BCST-JCAP;
BCST-EJC series; BCST-JC01; BCST-JC02**

APPLICABLE EC DIRECTIVES:

**Electromagnetic Compatibility Directive (2014/30/EU)
EN 61000-3-2:2014, EN 61000-3-3:2013**

BASED ON OUR REVIEW WE CAN CONFIRM THAT THE TECHNICAL FILE FOR THE ABOVE MENTIONED PRODUCT MEETS THE REQUIREMENTS OF THE RELEVANT EC DIRECTIVES. THE MANUFACTURER IS RESPONSIBLE FOR CERTIFYING THE PRODUCT AND ENSURING THAT ALL MANUFACTURED PRODUCTS ARE IN COMPLIANCE WITH THE SPECIFICATIONS DETAILED IN THE TECHNICAL FILE THIS CERTIFICATE IS VALID **UNTIL 05/18/2022**



Certificate Issued:

Place: **BEIJING CHINA**

Signature: 2017 / 05 / 18