

UA015987

P.O.Box 2 Hanzhong, 723007
Shaanxi, China
Tel: 86-916-2386110, 2386112
FAX: 86-916-2386275



CALIBRATION CERTIFICATE

NOTE:

WE CERTIFY THAT THE PRODUCT DESCRIBED BELOW CONFORMS TO ALL APPLICABLE SPECIFICATIONS. CALIBRATION IS TRACEABLE TO THE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY. CALIBRATION IS PERFORMED AT HANZHONG, SHAANXI, WHERE THE LOCAL ACCELERATION OF GRAVITY IS 9.7934m/s^2 .

Full-encapsulated Welding Load Cell

General Data

Model: BM8H-C3-5.0t-6B-A1
Serial Number: UA015987
Material: STAINLESS STEEL

Capacity: 5.0 t
Excitation: 5~12 VDC(NOM), 18 VDC(MAX)
Insul Res: >5000M Ω (50 VDC)

Calibration Data

Full Scale Output:	2.0039	mV/V	Combined Error:	$\pm 0.02\%$ of FS
Non-Repeatability:	$\pm 0.01\%$	of FS	Zero Balance:	$\pm 1.0\%$ of FS
Input Resistance:	1000 ± 10	Ohm	Output Resistance:	1000 ± 10 Ohm
Temp. Sens. Zero:	± 0.02	%FS/10 $^{\circ}$ C	Comp. Temp. Range:	-10 $^{\circ}$ C ~ +40 $^{\circ}$ C
Temp. Sens. Output:	± 0.015	%FS/10 $^{\circ}$ C	Operating Temp:	-35 $^{\circ}$ C ~ +65 $^{\circ}$ C
Non-linearity:	± 0.017	% of FS	Hysteresis:	$\pm 0.02\%$ of FS
Cable Length:	6	m		
Safe Overload(150%):		7.5 t		
Ultimate Overload(300%):		15 t		
Class:	C3			
NMi:	TC8104 rev.2			

ELECTRICAL CONNECTIONS-COMPRESSION POSITIVE

GREEN --- +EXC
BLACK --- -EXC
WHITE --- +SIGNAL
RED --- -SIGNAL
BARE --- SHIELD

CAUTION: Cutting cable will affect the Full Scale Output calibration.

QA Manager--Zhigang Zhang

Specifications are subject to change without notice.

DATE: 07-04-2018



All units are produced in a Quality System that meets the requirements of ISO-9001, and the certificate number is 00814Q20564R6M.

UA016077

P.O.Box 2 Hanzhong,723007
Shaanxi,China
Tel:86-916-2386110,2386112
FAX:86-916-2386275



CALIBRATION CERTIFICATE

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Full-encapsulated Welding Load Cell

General Data

Model: BM8H-C3-5.0t-6B-A1
Serial Number: UA016077
Material: STAINLESS STEEL

Capacity: 5.0 t
Excitation: 5~12 VDC(NOM), 18 VDC(MAX)
Insul Res: >5000M Ω (50 VDC)

Calibration Data

Full Scale Output:	2.0025	mV/V	Combined Error:	$\pm 0.02\%$ of FS
Non-Repeatability:	$\pm 0.01\%$	of FS	Zero Balance:	$\pm 1.0\%$ of FS
Input Resistance:	1000 ± 10	Ohm	Output Resistance:	1000 ± 10 Ohm
Temp.Sens.Zero:	± 0.02	%FS/10 $^{\circ}$ C	Comp.Temp.Range:	-10 $^{\circ}$ C ~ +40 $^{\circ}$ C
Temp.Sens.Output:	± 0.015	%FS/10 $^{\circ}$ C	Operating Temp:	-35 $^{\circ}$ C ~ +65 $^{\circ}$ C
Non-linearity:	± 0.017	% of FS	Hysteresis:	± 0.02 % of FS
Cable Length:	6	m		
Safe Overload(150%):	7.5	t		
Ultimate Overload(300%):	15	t		
Class:	C3			
NMi:	TC8104	rev.2		

ELECTRICAL CONNECTIONS-COMPRESSION POSITIVE

GREEN --- +EXC
BLACK --- -EXC
WHITE --- +SIGNAL
RED --- -SIGNAL
BARE --- SHIELD

CAUTION: Cutting cable will affect the Full Scale Output calibration.

QA Manager--Zhigang Zhang

Specifications are subject to change without notice.

DATE: 07-04-2018



All units are produced in a Quality System that meets the requirements of ISO-9001, and the certificate number is 00814Q20564R6M.

UA025339

P.O.Box 2 Hanzhong,723007
Shaanxi,China
Tel:86-916-2386110,2386112
FAX:86-916-2386275



CALIBRATION CERTIFICATE

NOTE:

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Full-encapsulated Welding Load Cell

General Data

Model: BM8H-C3-5.0t-6B-A1
Serial Number: UA025339
Material: STAINLESS STEEL

Capacity: 5.0 t
Excitation: 5~12 VDC(NOM), 18 VDC(MAX)
Insul Res: >5000MΩ(50 VDC)

Calibration Data

Full Scale Output:	2.0034	mV/V	Combined Error:	±0.02% of FS
Non-Repeatability:	±0.01	% of FS	Zero Balance:	±1.0 % of FS
Input Resistance:	1000±10	Ohm	Output Resistance:	1000±10 Ohm
Temp.Sens.Zero:	±0.02	%FS/10℃	Comp.Temp.Range:	-10 ℃ ~ +40 ℃
Temp.Sens.Output:	±0.015	%FS/10℃	Operating Temp:	-35 ℃ ~ +65 ℃
Non-linearity:	±0.017	% of FS	Hysteresis:	±0.02 % of FS
Cable Length:	6	m		
Safe Overload(150%):		7.5 t		
Ultimate Overload(300%):		15 t		
Class:	C3			
NMI:	TC8104 rev.2			

ELECTRICAL CONNECTIONS-COMPRESSION POSITIVE

GREEN --- +EXC
BLACK --- -EXC
WHITE --- +SIGNAL
RED --- -SIGNAL
BARE --- SHIELD

CAUTION: Cutting cable will affect the Full Scale Output calibration.

QA Manager--Zhigang Zhang

Specifications are subject to change without notice.

DATE: 08-21-2018



All units are produced in a Quality System that meets the requirements of ISO-9001, and the certificate number is 00817Q20215R7L.

UA016108

P.O.Box 2 Hanzhong, 723007
Shaanxi, China
Tel: 86-916-2386110, 2386112
FAX: 86-916-2386275



CALIBRATION CERTIFICATE

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Full-encapsulated Welding Load Cell

General Data

Model: BM8H-C3-5.0t-6B-A1
Serial Number: UA016108
Material: STAINLESS STEEL

Capacity: 5.0 t
Excitation: 5~12 VDC(NOM), 18 VDC(MAX)
Insul Res: >5000M Ω (50 VDC)

Calibration Data

Full Scale Output:	2.0030	mV/V	Combined Error:	$\pm 0.02\%$ of FS
Non-Repeatability:	$\pm 0.01\%$ of FS		Zero Balance:	$\pm 1.0\%$ of FS
Input Resistance:	1000 \pm 10	Ohm	Output Resistance:	1000 \pm 10 Ohm
Temp. Sens. Zero:	± 0.02	%FS/10 $^{\circ}$ C	Comp. Temp. Range:	-10 $^{\circ}$ C ~ +40 $^{\circ}$ C
Temp. Sens. Output:	± 0.015	%FS/10 $^{\circ}$ C	Operating Temp:	-35 $^{\circ}$ C ~ +65 $^{\circ}$ C
Non-linearity:	± 0.017	% of FS	Hysteresis:	$\pm 0.02\%$ of FS
Cable Length:	6 m			
Safe Overload(150%):	7.5 t			
Ultimate Overload(300%):	15 t			
Class:	C3			
NMi:	TC8104 rev.2			

ELECTRICAL CONNECTIONS-COMPRESSION POSITIVE

GREEN --- +EXC
BLACK --- -EXC
WHITE --- +SIGNAL
RED --- -SIGNAL
BARE --- SHIELD

CAUTION: Cutting cable will affect the Full Scale Output calibration.

QA Manager--Zhigang Zhang

Specifications are subject to change without notice.

DATE: 07-04-2018



All units are produced in a Quality System that meets the requirements of ISO-9001, and the certificate number is 00814Q20564R6M.