



中国国家强制性产品认证证书



证书编号：2020322304002048

认证委托人名称： Imtex Controls Limited
 认证委托人地址： Unit 4, Tenth Avenue, Deeside Industrial Park, Deeside, Flintshire
 生产者名称： Imtex Controls Limited
 生产者地址： Unit 4, Tenth Avenue, Deeside Industrial Park, Deeside, Flintshire
 生产企业名称： Imtex Controls Limited
 生产企业地址： Unit 4, Tenth Avenue, Deeside Industrial Park, Deeside, Flintshire

产品名称： 阀位监控器
 系列、规格、型号： SRX 系列
 标准： GB 3836.1-2010、GB 3836.4-2010

上述产品符合强制性产品认证实施规则 CNCA-C23-01:2019 的要求，特发此证。

发证日期：2020 年 9 月 25 日 有效期至：2025 年 9 月 24 日

首次发证日期：2020 年 9 月 25 日

证书有效期内本证书的有效性依据发证机构的定期监督获得保持。

本证书的相关信息可通过国家认监委网站 www.cnca.gov.cn 查询



批准：



上海仪器仪表自控系统检验测试所有限公司

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CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION



CERTIFICATE NO: 2020322304002048

APPLICANT: Imtex Controls Limited

ADDRESS: Unit 4, Tenth Avenue, Deeside Industrial Park, Deeside, Flintshire

MANUFACTURER: Imtex Controls Limited

ADDRESS: Unit 4, Tenth Avenue, Deeside Industrial Park, Deeside, Flintshire

FACTORY: Imtex Controls Limited

ADDRESS: Unit 4, Tenth Avenue, Deeside Industrial Park, Deeside, Flintshire

PRODUCTNAME: SRX Valve Position Monitor

SERIES,SPECIFICATION,MODEL: SRX Series

STANDARDS: GB 3836.1-2010、 GB 3836.4-2010

This is to certify that the above mentioned product(s)complies with the requirements of implementation rules for compulsory certification (REFNO. CNCA-C23-01:2019).

Valid from:September 25, 2020

Valid until: September 24, 2025

Date of original certification:September 25, 2020

The validity of this certificate is subject to positive result of the regular follow up inspection by issuing certification body until the expiry date.

This certificate is available through CNCA's website: www.cnca.gov.cn



APPROVAL:

Xu JianPing



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附件

产品名称: 阀位监控器

型号规格: SRX *a b c d e f* -g

a 代表开关类型

17 - (2) SPDT Gold Plated Mechanical Switch (Passive) up to 0.5 amps @ 30VDC 40

- (2) SPST or SPDT Reed Switch (Passive) 0.15 Amps @ 30VDC

42 - (2) V3 Style Proximity Sensor

43 - (2) Non-V3 Style Proximity Sensor

52 - (3 to 6) V3 Style Proximity Sensor

53 - (3 to 6) Non-V3 Style Proximity Sensor

56 - (3 to 6) SPDT Gold Plated Mechanical Switch (Passive) up to 0.5 amps @ 30VDC

59 - (3 to 6) SPST or SPDT Reed Switch (Passive) 0.15 Amps @ 30VDC

70 - Position Transmitter - 4-20mA @ 10 to 30VDC - May include up to 4 additional switch/sensor from functions 17, 40, 42, 43

b 代表外壳材质

S - 316SS Cover & Housing

9 - Aluminium Cover & Housing

c 代表输出

L - NAMUR Output 15mm M - NAMUR Output 25mm S - 2-Pin Drive

d 代表指示器

R - RED CLOSED / GREEN OPEN (ABS Material) C - 0-100% GRADUATED (ABS Material)

0 - No Visual Indicator

e 代表本安组件

S - Volt Free Contact Switch - (Simple Apparatus components)

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附件

- R - Certified Proximity Sensor - Type 1 - (Manufacturer: Hans Turck GmbH)
- Q - Certified Proximity Sensor - Type 2 - (Manufacturer: Pepperl & Fuchs GmbH)
- P - Certified Transmitter (with optional Type 2 sensor) - (Transmitter Manufacturer: PR Electronics A/S : Sensor Manufacturer: Pepperl & Fuchs GmbH) U
- N - Certified Proximity Sensor - Low Temperature - Type 2 - (Manufacturer: Pepperl & Fuchs GmbH)
- M - Certified Proximity Sensor - Low Temperature - Type 1 - (Manufacturer: Hans Turck GmbH)
- K - Certified Transmitter - (with optional Volt Free switches) - (Transmitter Manufacturer: PR Electronics A/S : Switches are Simple Apparatus components)
- L - Certified Transmitter - (with optional Volt Free switches) - (Transmitter Manufacturer: PR Electronics A/S : Switches are Simple Apparatus components)
- B - Certified Transmitter - Non-Contact (with optional Proximity Sensors - Type 2) - (Transmitter Manufacturer: Zettlex UK Ltd : Sensor Manufacturer: Pepperl & Fuchs GmbH)
- A - Certified Transmitter - Non-Contact (with optional Volt Free switches) - (Transmitter Manufacturer: Zettlex UK Ltd : Switches are Simple Apparatus components)
- 9 - Certified Transmitter - Non-Contact (with optional Proximity Sensors - Type 1) - (Transmitter Manufacturer: Zettlex UK Ltd : Sensor Manufacturer: Hans Turck GmbH)

*f*代表功能特征

XX - 2 digit reference from Imtex central log to define exact configuration of components fitted

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g 代表销售区域

-XX - 2 digit reference to detail which regional certification markings are to be used - e.g. '-VI' for Chinese market

防爆标志: Ex ia IIC T4/T5/T6 Gb

电气参数:

选型代码	本安电气参数	温度组别	产品使用环境温度范围
S	Ui = 28 V, Ii = 120 mA, Pi = 1.3 W, Li = 0, Ci = 0	T6 T5	-40°C to +70°C -40°C to +80°C
R	Ui = 15 V, Ii = 20 mA, Pi = 200 mW, Li = 150 μH, Ci = 150 nF	T6 T4	-25°C to +70°C -25°C to +100°C
P	Individual Transmitter: Ui = 30 V, Ii = 200 mA, Pi = 670 mW, Li = 0, Ci = 10 nF Optional sensor(s), when fitted: Ui = 16 V, Ii = 25 mA, Pi = 34 mW, Li = 550 μH, Ci = 150 nF	T6 T4	-40°C to +40°C -40°C to +72°C
N	Ui = 16 V, Ii = 25 mA, Pi = 34 mW, Li = 550 μH, Ci = 150 nF	T6 T5 T4	-50°C to +72°C -50°C to +87°C -50°C to +99°C
M	Ui = 15 V, Ii = 20 mA, Pi = 200 mW, Li = 150 μH, Ci = 150 nF	T6	-40°C to +70°C
L	Individual Transmitter: Ui = 30 V, Ii = 200 mA, Pi = 670 mW, Li = 0, Ci = 10 nF Optional sensor(s), when fitted: Ui = 15 V, Ii = 20 mA, Pi = 200 mW, Li = 150 μH, Ci = 150 nF	T6 T4	-40°C or -25°C to +40°C -40°C or -25°C to +70°C
K	Individual Transmitter: Ui = 30 V, Ii = 200 mA, Pi = 670 mW, Li = 0, Ci = 10 nF Optional sensor(s), when fitted: Ui = 28 V, Ii = 120 mA, Pi = 1.3 W, Li = 0, Ci = 0	T6 T4	-40°C to +40°C -40°C to +70 °C
A	Individual Transmitter: Ui = 28 V, Ii = 120 mA, Pi = 0.84 W, Li = 5 μH, Ci = 0 Optional switch(s), when fitted: Ui = 28 V, Ii = 120 mA, Pi = 1.3 W, Li = 0, Ci = 0	T6 T4	-40°C ≤ Ta ≤ +60°C -40°C ≤ Ta ≤ +80°C

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B	Individual Transmitter: $U_i = 28\text{ V}$, $I_i = 120\text{ mA}$, $P_i = 0.84\text{ W}$, $L_i = 5\text{ }\mu\text{H}$, $C_i = 0$ Optional sensor(s), when fitted: $U_i = 16\text{ V}$, $I_i = 25\text{ mA}$, $P_i = 0.064\text{ W}$, $L_i = 100\text{ }\mu\text{H}$, $C_i = 100\text{ nF}$ (when NJ2-V3-N used, $L_i = 50\text{ }\mu\text{H}$, $C_i = 40\text{ nF}$)	T6	$-40^\circ\text{C} \leq T_a \leq +60^\circ\text{C}$
		T4	$-40^\circ\text{C} \leq T_a \leq +85^\circ\text{C}$
Q	Individual sensor, when fitted: $U_i = 16\text{ V}$, $I_i = 25\text{ mA}$, $P_i = 0.064\text{ W}$, $L_i = 100\text{ }\mu\text{H}$, $C_i = 100\text{ nF}$ (when NJ2-V3-N used, $L_i = 50\text{ }\mu\text{H}$, $C_i = 40\text{ nF}$)	T6	$-40^\circ\text{C} \leq T_a \leq +66^\circ\text{C}$
		T5	$-40^\circ\text{C} \leq T_a \leq +81^\circ\text{C}$
		T4	$-40^\circ\text{C} \leq T_a \leq +100^\circ\text{C}$
9	Individual Transmitter: $U_i = 28\text{ V}$, $I_i = 120\text{ mA}$, $P_i = 0.84\text{ W}$, $L_i = 5\text{ }\mu\text{H}$, $C_i = 0$ Optional sensor(s), when fitted: $U_i = 15\text{ V}$, $I_i = 20\text{ mA}$, $P_i = 0.2\text{ W}$, $L_i = 150\text{ }\mu\text{H}$, $C_i = 150\text{ nF}$	T6	$-40^\circ\text{C}^* \leq T_a \leq +60^\circ\text{C}$
		T4	$-40^\circ\text{C}^* \leq T_a \leq +80^\circ\text{C}$ (*: -25°C unless S97 sensor is used)

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