

Electrical Equipment for Explosive Atmospheres

Certificate of Type Verification

Applicant	Kaneko Sangyo Co., Ltd														
Applicant address	5-10-6 Shiba Minato-ku, Tokyo 108-0014 Japan	TEL	+81-33455-1414												
Manufacturer	Kaneko Sangyo Co., Ltd														
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Name of product Type	Explosion proof solenoid AE12PU														
Ex marking	Ex d IIB+H ₂ T4 Gb														
Certificate No.	工電(2015)第 00279X 號														
Date of first issue	November 16, 2015														
Date of Renewal	December 19, 2024														
Valid period	November 16, 2024 to November 15, 2027														
Standards:	CNS 3376-0 : 2014 / IEC 60079-0 : 2011 CNS 3376-1 : 2008 / IEC 60079-1 : 2007														
Ratings:	120 Vac, 50 Hz, 13.9 W, 330 mA, Class H														
Ambient temperature:	-20°C ~ +60°C														
Main components:	Cover(aluminum alloy), terminal box(aluminum alloy), casing(aluminum alloy), solenoid assembly, cable gland.														
Type variants:	<table><thead><tr><th>Type</th><th>Voltage(V)</th><th>Frequency(Hz)</th></tr></thead><tbody><tr><td>AE12PU、AE12PUX AE12PUV、AE12PUVX</td><td>AC: 100/105/110/115/120/125 200/220/230/240/250</td><td>50/60</td></tr><tr><td>DE12PU、DE12PUX DE12PUV、DE12PUVX</td><td>DC: 24/48/100/110/115/125 200/220</td><td>-</td></tr></tbody></table>			Type	Voltage(V)	Frequency(Hz)	AE12PU、AE12PUX AE12PUV、AE12PUVX	AC: 100/105/110/115/120/125 200/220/230/240/250	50/60	DE12PU、DE12PUX DE12PUV、DE12PUVX	DC: 24/48/100/110/115/125 200/220	-			
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Specific conditions of use:	The dimensions of the flameproof joints of the equipment enclosure are different from the values specified in CNS 3376-1. Repair of the flameproof joints shall only be carried out by the manufacturer; The fasteners used to flameproof enclosure shall have property class of min. A2-50.														
Routine tests:	The manufacturer shall carry out the routine test as prescribed in Clause 16.1 of CNS 3376-1. The routine overpressure test shall be performed under 2000 kPa for 10 s on each solenoid enclosure of the equipment.														
Certificate history:	<table><tbody><tr><td>Issue 1 (A201500265)</td><td>(2015-11-16)</td></tr><tr><td>Issue 2 (B201800313)</td><td>(2018-11-08)</td></tr><tr><td>Issue 3 (B202100413)</td><td>(2021-12-09)</td></tr><tr><td>Issue 4 (A1110090)</td><td>(2022-10-31)</td></tr><tr><td>Issue 5 (B202400463)</td><td>(2024-12-19)</td></tr><tr><td>Issue 6 (A1140006)</td><td>(2025-03-24)</td></tr></tbody></table>			Issue 1 (A201500265)	(2015-11-16)	Issue 2 (B201800313)	(2018-11-08)	Issue 3 (B202100413)	(2021-12-09)	Issue 4 (A1110090)	(2022-10-31)	Issue 5 (B202400463)	(2024-12-19)	Issue 6 (A1140006)	(2025-03-24)
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Certificate issued by

Industrial Technology Research Institute
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