

温度調節器(デジタル調節計)プログラムタイプ

E5AC-TPR4DSM-000



商品概要

Programmable Digital Temperature Controller, 96 x 96 mm, Position-proportional control relay output/Position-proportional control relay output, Auxiliary output: 4, Power supply voltage: 24 VAC/VDC, Universal inputs, No options, Screw terminal block model

販売状況 2025/12/18 00:00 情報更新

販売状況	販売中
機種区分	受注生産機種
標準価格(税別)	¥ 53,000

推奨代替品の最新情報につきましては、当社Webサイト(www.fa.omron.co.jp)の「生産終了品/推奨代替品」をご覧ください。 在庫状況/標準価格の最新情報につきましては、当社Webサイト(www.fa.omron.co.jp)の「在庫状況/標準価格 照会」をご覧ください。

情報更新: 2025/11/04

詳細情報

Ratings / Performance

Ratings

Shape		DIN 96 x 96			
Fixed/Programmable		Programmable			
Power supply voltage	24 VAC (50/60 Hz) 24 VDC				
Allowable voltage variable range		85 to 110% of the power supply voltage			
Power consumption		3.4 W max. (at 24 VDC) 5.6 VA max. (at 24 VAC)			
Input	Number of input points	1 point			
	Temperature input	Thermocouple: K, J, T, E, L, U, N, R, S, B, C/W, PLII Platinum resistance thermometer: Pt100, JPt100 Infrared Thermosensor: 10 to 70 °C, 60 to 120 °C, 115 to 165 °C, 140 to 260 °C			
	Analog input	4 to 20 mA or 0 to 20 mA			
	Input impedance	Current input: 150Ω max., voltage input: $1\text{M}\Omega$ min. (Applicable when connecting 1:1 to ES2-HB-N/THB-N.)			
Control method	ON/OFF control or 2-PID control (with auto- tuning)				
Control output	Number of total control output	2 point			
	Control output 1	Position-proportional control relay output			
	Control output 2	Position-proportional control relay output			
	Position-proportional control relay output	2 point SPST-NO 250 VAC 5 A (Resistive load), Minimum applicable load: 5 V 10 mA Electrical life: 100,000 operations Potentiometer input: $100~\Omega$ to $10~\text{k}\Omega$			
Auxiliary output	Number of total auxiliary output	4 point			
	Relay output	SPST-NO, 250 VAC, 2 A (resistive load), electrical life: 100,000 operations (minimum applicable load: 5 V, 10 mA)			
Position-proportional potentiometer input		100 Ω to 10 k Ω Accuracy: $\pm 5\%$ FS ± 1 digit max.			
Setting method	Digital setting using front panel keys				
Indication method		11-segment digital display and individual indicators			
Sampling period		50 ms			

Integral time	Hysteresis		Temperature input: 0.1 to 999.9 °C or °F (in units of 0.1 °C or °F) Analog input: 0.01 to 99.99% FS (in units of 0.01% FS)			
Units of 0.1 st Security 1.5 ppg st Se	Proportional band		of 0.1 °C or °F) Analog input: 0.1% to 999.9% FS (in units of 0.1%			
Temperature input-0.1 to 999.9 "C or "F (in units of 1.7 co.1") Temperature input-0.1 to 999.9 "C or "F (in units of 1.7 co.1") Analog input-0.19 to 999.9 F (in units of 1.9) Analog input-0.19 to 999.9 F (in units of 1.9) Analog input-0.19 to 999.9 F (in units of 1.9) Oto 100.0 W (in units of 0.1%) Oto 999.9 F (in units of 0.1	Integral time	units of 0.1 s) Floating: 1 to 9999 s (in units of 1 s), 0.1 to 999.9 s				
Analog injunit of 19, 0, 0 to 999.9% FS (in units of 0.1% FS) Integral time (i)	Derivative time					
Derivative time (D) Or 5999 s (in units of 1 s), 0.0 to 999.9 s (in units of 1 s) Control period O.1 s, 0.2 s, 0.5 s, 1 to 99 s (in units of 1 s) Manual reset value O.0 to 100.0% (in units of 0.1%) Insulation resistance Dielectric strength O.300 VAC 50/60 Hz 1 min (Between current-carrying terminals of different polarity) Vibration resistance Destruction: 10 to 55 Hz, 20 m/s² for 2 heach in X, Y, and Z directions Malfunction: 10 to 55 Hz, 20 m/s² for 10 min each in X, Y, and Z directions Ambient temperature (Operating) Ambient temperature (Operating) Ambient temperature (Storage) Ambient temperature (Storage) Ambient temperature (Storage) Arbient temperatur	for cooling	Proportional band (P)	of 0.1 °C or °F) Analog input: 0.1% to 999.9% FS (in units of 0.1%			
Control period O.1 s, O.2 s, O.5 s, 1 to 99 s (in units of 1 s) Manual reset value 0.0 to 100.0% (in units of 0.1%) Insulation resistance 20 MQ min. (at 500 VDC) Dielectric strength 3,000 VAC 50/60 Hz 1 min (Between current-carrying terminals of different polarity) Vibration resistance Destruction 10 to 55 Hz, 20 m/s² for 2 he each in X, Y, and Z directions Malfunction: 10 to 55 Hz, 20 m/s² for 10 min each in X, Y, and Z directions Shock resistance Destruction 300 m/s², 3 times each in X, Y, and Z directions Malfunction: 100 m/s², 3 times each in X, Y, and Z directions Malfunction: 100 m/s², 3 times each in X, Y, and Z directions Ambient temperature (Operating) Ambient temperature (Storage) -25 to 65 °C (with no freezing or condensation) Ambient humidity (Operating) Altitude Degree of protection Remony protection Memory protection Black		Integral time (I)				
Manual reset value 0.0 to 100.096 (in units of 0.1%) Insulation resistance 20 MΩ min. (at 500 VDC) Dielectric strength 3,000 VAC 50/60 Hz 1 min (Between current-carrying terminals of different polarity) Vibration resistance Destruction: 10 to 55 Hz, 20 m/s² for 10 min each in X, Y, and Z directions Malfunction: 10 to 55 Hz, 20 m/s² for 10 min each in X, Y, and Z directions Shock resistance Destruction: 300 m/s², 3 times each in X, Y, and Z directions Malfunction: 100 m/s², 3 times each in X, Y, and Z directions Ambient temperature (Operating) -10 to 55 °C (with no freezing or condensation) For 3year warranty with standard mounting: -10 to 50°C (with no freezing or condensation) Ambient temperature (Storage) -25 to 65 °C (with no freezing or condensation) Ambient humidity (Operating) 25 to 85 % Altitude 2000 m max. Degree of protection Front panel: IP66, Rear case: IP20, Terminal section: IP00 Memory protection Non-volatile memory (number of writes: 1,000,000) Case color Black		Derivative time (D)				
Insulation resistance 20 MQ min, (at 500 VDC) Dielectric strength 3,000 VAC 50/60 Hz 1 min (Between current-carrying terminals of different polarity) Wibration resistance Destruction: 10 to 55 Hz, 20 m/s² for 2 heach in X, Y, and Z directions Malfunction: 10 to 55 Hz, 20 m/s² for 10 min each in X, Y, and Z directions Shock resistance Destruction: 300 m/s², 3 times each in X, Y, and Z directions Ambient temperature (Operating) -10 to 55 °C (with no freezing or condensation) For 3-year warranty with standard mounting: 10 to 50 °C (with no freezing or condensation) Ambient temperature (Storage) -25 to 65 °C (with no freezing or condensation) Ambient humidity (Operating) Attitude 2000 m max. Degree of protection Front panel: IP66, Rear case: IP20, Terminal section: IP00 Memory protection Non-volatile memory (number of writes: 1,000,000) Case color	Control period		0.1 s, 0.2 s, 0.5 s, 1 to 99 s (in units of 1 s)			
Dielectric strength 3,000 VAC 50/60 Hz 1 min (Between current-carrying terminals of different polarity) Wibration resistance Destruction: 10 to 55 Hz, 20 m/s² for 2 h each in X, Y, and Z directions Malfunction: 10 to 55 Hz, 20 m/s² for 10 min each in X, Y, and Z directions Malfunction: 300 m/s², 3 times each in X, Y, and Z directions Misfunction: 100 m/s², 3 times each in X, Y, and Z directions Ambient temperature (Operating) -10 to 55 °C (with no freezing or condensation) For 3-year warranty with standard mounting: -10 to 50 °C (with no freezing or condensation) Ambient humidity (Operating) 25 to 85 % Altitude 2000 m max. Degree of protection Non-volatile memory (number of writes: 1,000,000) Memory protection Black	Manual reset value	Manual reset value				
Vibration resistance Destruction: 10 to 55 Hz, 20 m/s² for 2 h each in X, Y, and Z directions Malfunction: 20 to 55 Hz, 20 m/s² for 10 min each in X, Y, and Z directions Malfunction: 10 to 55 Hz, 20 m/s² for 10 min each in X, Y, and Z directions Malfunction: 10 to 55 Hz, 20 m/s² for 10 min each in X, Y, and Z directions Malfunction: 100 m/s², 3 times each in X, Y, and	Insulation resistance	20 MΩ min. (at 500 VDC)				
Y, and Z directions Malfunction: 10 to 55 Hz, 20 m/s³ for 10 min each in X, Y, and Z directions Shock resistance Destruction: 300 m/s³, 3 times each in X, Y, and Z directions Malfunction: 100 m/s², 3 times each in X, Y, and Z directions Malfunction: 100 m/s², 3 times each in X, Y, and Z directions Malfunction: 100 m/s², 3 times each in X, Y, and Z directions Ambient temperature (Operating) -10 to 55 °C (with no freezing or condensation) For 3-year warranty with standard mounting: -10 to 50 °C (with no freezing or condensation) Ambient temperature (Storage) -25 to 65 °C (with no freezing or condensation) Ambient humidity (Operating) 25 to 85 % Altitude 2000 m max. Pegree of protection Front panel: IP66, Rear case: IP20, Terminal section: IP00 Memory protection Non-volatile memory (number of writes: 1,000,000) Case color Black	Dielectric strength					
directions Malfunction: 100 m/s², 3 times each in X, Y, and Z directions Ambient temperature (Operating) -10 to 55 °C (with no freezing or condensation) For 3-year warranty with standard mounting: -10 to 50 °C (with no freezing or condensation) Ambient temperature (Storage) -25 to 65 °C (with no freezing or condensation) Ambient humidity (Operating) 25 to 85 % Altitude 2000 m max. Degree of protection Front panel: IP66, Rear case: IP20, Terminal section: IP00 Memory protection Non-volatile memory (number of writes: 1,000,000) Case color Black	Vibration resistance		Y, and Z directions Malfunction: 10 to 55 Hz, 20 m/s² for 10 min each			
For 3-year warranty with standard mounting: -10 to 50 °C (with no freezing or condensation) Ambient temperature (Storage) -25 to 65 °C (with no freezing or condensation) 25 to 85 % Altitude 2000 m max. Pront panel: IP66, Rear case: IP20, Terminal section: IP00 Memory protection Non-volatile memory (number of writes: 1,000,000) Case color Black	Shock resistance		directions Malfunction: 100 m/s², 3 times each in X, Y, and Z			
Ambient humidity (Operating) 25 to 85 % Altitude 2000 m max. Front panel: IP66, Rear case: IP20, Terminal section: IP00 Memory protection Non-volatile memory (number of writes: 1,000,000) Case color Black	Ambient temperature (Operating)		For 3-year warranty with standard mounting: -10			
Altitude 2000 m max. Degree of protection Front panel: IP66, Rear case: IP20, Terminal section: IP00 Memory protection Non-volatile memory (number of writes: 1,000,000) Case color Black	Ambient temperature (Storage)		-25 to 65 °C (with no freezing or condensation)			
Degree of protection Front panel: IP66, Rear case: IP20, Terminal section: IP00 Memory protection Non-volatile memory (number of writes: 1,000,000) Case color Black	Ambient humidity (Operating)		25 to 85 %			
Memory protection Non-volatile memory (number of writes: 1,000,000) Case color Black	Altitude		2000 m max.			
1,000,000) Case color Black	Degree of protection					
	Memory protection					
Terminal type Screw terminal block	Case color		Black			
	Terminal type		Screw terminal block			

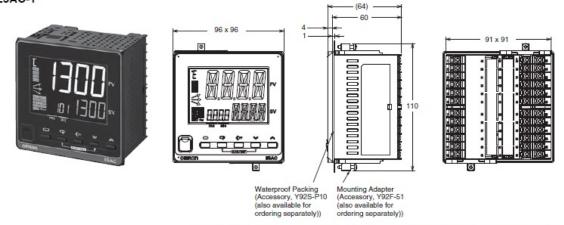
Accessories	Mounting adapter, Waterproof packing, Front Port Cover
Weight	Main Unit: Approx. 250 g Adapter: Approx. 4 g x 2
Sold separately	USB Serial Conversion Cable: E58-CIFQ2 Communications Conversion Cable: E58-CIFQ2-E Terminal Cover: E53-COV24 Waterproof packing: Y92S-P10 Waterproof Cover: Y92A-96N Front Port Cover: Y92S-P7 Adapter: Y92F-51 CX-Thermo Support Software: EST2-2C-MV4

Accuracy

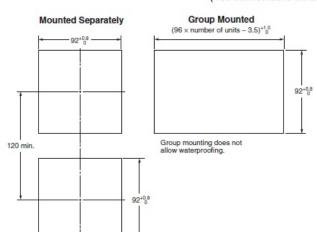
Indication accuracy	Thermocouple: $(\pm 0.3\% \text{ of indicated value or } \pm 1 ^{\circ}\text{C}$, whichever is greater) $\pm 1 ^{\circ}\text{digit max}$. Platinum resistance thermometer: $(\pm 0.2\% \text{ of indicated value or } \pm 0.8 ^{\circ}\text{C}$, whichever is greater) $\pm 1 ^{\circ}\text{digit max}$. Analog input: $\pm 0.2\% ^{\circ}\text{FS} \pm 1 ^{\circ}\text{digit max}$. (The indication accuracy of K thermocouples in the -200 to 1300 $^{\circ}\text{C}$ range, T and N thermocouples at a temperature of -100 $^{\circ}\text{C}$ max., and U and L thermocouples at any temperatures is $\pm 2 ^{\circ}\text{C} \pm 1 ^{\circ}\text{digit max}$. B thermocouple at a temperature of 400 $^{\circ}\text{C}$ max. is not specified. B thermocouples in the 400 to 800 $^{\circ}\text{C}$ range is $\pm 3 ^{\circ}\text{C}$ max. R and S thermocouples at a temperature of 200 $^{\circ}\text{C}$ max. is $\pm 3 ^{\circ}\text{C} \pm 1 ^{\circ}\text{digit max}$. C/W thermocouples is $(\pm 0.3\% ^{\circ}\text{PV} ^{\circ}\text{or} \pm 3 ^{\circ}\text{C}$, whichever is greater) $\pm 1 ^{\circ}\text{digit max}$. PL II thermocouples is $(\pm 0.3\% ^{\circ}\text{PV} ^{\circ}\text{or} \pm 2 ^{\circ}\text{C}$, whichever is greater) $\pm 1 ^{\circ}\text{digit max}$.
Influence of temperature/voltage	Thermocouple: R, S, B, C/W, and PLII: $(\pm 1\% \text{ of indicated value or } \pm 10 ^{\circ}\text{C}$, whichever is greater) ± 1 digit max. Other thermocouple: $(\pm 1\% \text{ of indicated value or } \pm 4 ^{\circ}\text{C}$, whichever is greater) ± 1 digit max. However K thermocouple at -100 $^{\circ}\text{C}$ max.: $\pm 10 ^{\circ}\text{C}$ max. Platinum resistance thermometer: $(\pm 1\% \text{ of indication value or } \pm 2 ^{\circ}\text{C}$, whichever is greater) ± 1 digit max. Analog input: $\pm 1\% \text{ FS } \pm 1$ digit max. Ambient temperature: -10 to 23 to 55 $^{\circ}\text{C}$, Voltage range: -15 to 10% of rated voltage
Influence of EMS.	Thermocouple: R, S, B, C/W, and PLII: $(\pm 1\% \text{ of indicated value or } \pm 10 ^{\circ}\text{C}$, whichever is greater) ± 1 digit max. Other thermocouple: $(\pm 1\% \text{ of indicated value or } \pm 4 ^{\circ}\text{C}$, whichever is greater) ± 1 digit max. However K thermocouple at -100 $^{\circ}\text{C}$ max.: $\pm 10 ^{\circ}\text{C}$ max. Platinum resistance thermometer: $(\pm 1\% \text{ of indication value or } \pm 2 ^{\circ}\text{C}$, whichever is greater) ± 1 digit max. Analog input: $\pm 1\% \text{ FS } \pm 1$ digit max.
Influence of signal source resistance	Thermocouple: $0.1^{\circ}\text{C}/\Omega$ max. ($100~\Omega$ max.) Platinum resistance thermometer: $0.1^{\circ}\text{C}/\Omega$ max. ($10~\Omega$ max.)

Dimensions 情報更新: 2025/11/04

E5AC-T



Setup Tool ports are provided as standard feature. Use these ports to connect a computer to the
Digital Temperature Controller. The E58-CIFQ2 USB-Serial Conversion Cable is required to
connect to the port on the top panel. The E58-CIFQ2 USB-Serial Conversion Cable and E58CIFQ2-E Communications Conversion Cable are required to connect to the port on the front panel.
(You cannot leave either port connected constantly during operation.)



- Recommended panel thickness is 1 to 8 mm.
- Group mounting is not possible in the vertical direction. (Maintain the specified mounting space between Controllers.)
- To mount the Controller so that it is waterproof, insert the waterproof packing onto the Controller.
- When two or more Controllers are mounted, make sure that the surrounding temperature does not exceed the allowable operating temperature specified in the specifications.

情報更新: 2025/11/04

Connection diagram

E5EC-T/E5AC-T E5EC-T 4 5M- 6 (1) (2) (3) (4) (5) (6) Torminal type E5AC-T 0 4 0 5 M - 0 0 0 Control output 1 Control output 2 Auxiliary outputs -Relay output 250 VAC, 5A (resistive load) Relay output Models with 4 auxilian Use no-voltage inputs for the event inputs. outputs: 250 VAC, 2 A (resistive load Voltage output (for driving SSR) (resistive load) The polarity for non-contact inputs is given in parentheses. 12 VDC, 40 mA 21 mA if there are two control outputs Linear current output 0 to 20 mA DC Voltage output (for driving SSR) 12 VDC, 21 mA Linear current output 0 to 20 mA DC 4 to 20 mA DC (6) Options 008 Communications, two 010 Four event inputs and one CT Four event inputs 4 to 20 mA DC and two event inputs event inputs, and one CT ad: 500 Ω r Load: 500 Ω max B(+) 13 B(+) 13 RS-485 A(-) RS-485 A(-) (1)Control Outputs -14 14 EV3 EV3 15 15 15 16 Models with Models with 1 EV1 17 17 EV1 17 1 Relay Output Voltage Output (for Driving SSR) EV1 EV1 18 EV2 19 19 OUT1 3 + OUT1 CT1 CT1 20 20 21 4. 4 (3) Input Power Supply 5 5 100 to 240 VAC 24 VAC/DC 6 6 Six event inputs, one CT, and 2 2 transfer output QQ Models with Voltage Output (for Models with 2 Voltage Linear Current Outputs (for Driving SSR) Driving SSR) and Relay Output 14 EV3 15 EV4 3 3 16 4 4 4 2 26 14 17 EV1 5 5 27 15 18 5 -3 6 4 16 19 6 6. CT1 29 17 32 CQ Models with 2 Output: CC Models with 2 6 30 31 19 7 Relay Outputs Linear Current Outputs Linear Current Output 32 33 and Voltage (for Driving SSR) 8 20 21 9 3 3 OUT1 34 35 022 Communications, four event inputs, 10 22 4 -4 4 Six event inputs and 11 and transfer output OUT2 transfer output 5 -5 12 B(+) RS-485 A(-) 6 6 14 EV3 14 15 15 EV4 (2) Auxiliary Outputs (5) Sensor (Temperature/Analog) Input 16 Auxiliary outputs 1 to 4 EV1 EV1 17 29 17 TC nput 30 18 18 Auxiliary output 4 19 22 8 19 19 Auxi iary output 3 20 W 23 9 20 32 20 10 output 21 iary output 2 Auxi

- Note: 1. The application of the terminals depends on the model.
 - Do not wire the terminals that are shown with a gray background.

The E5IIC-T is set for a K-type thermocouple (input type = 5) by default. An input error (5£ RP) will not occur if the input type setting does not agree with the temperature sensor. Check the input type.

- When complying with EMC standards, the cable that connects the sensor must be 30 m or less. If the cable length exceeds 30 m, compliance with EMC standards will not be possible.
- 4. Connect M3 crimped terminals.

Auxiliary output 1

12

Due to UL Listing requirements, use the E54-CT1L or E54-CT3L Current Transformer with the factory wiring (internal wiring). Use a UL category XOBA or XOBA7 current transformer that is UL Listed for field wiring (external wiring) and not the factory wiring (internal wiring).

情報更新: 2025/11/04

Input ranges list

Thermocouple/Platinum Resistance Thermometer (Universal inputs)

Sensor type	r	P		m res	istano eter	ce		Thermocouple								Infra	Infrared temperature sensor									
Sensor specificati		ħ	Pt100		JPt	100		K		J		Т	E	L	- 1	U	N	R	s	В	C/W	PLII	10 to 70°C	60 to 120°C	115 to 165°C	140 to 260°C
Temperature range (°C)	2300 1800 1700 1500 1400 1500 1600 1500 1600 1500 1600 1500 1600 1500 16	850	500.0	100.0	500.0	100.0	1300	500.0	850	400.0	400	400.0	600	850	400	400.0	1300	1700	1700	1800	2300	1300	90	120	165	260
-	-200	-200	-199.9	- 3	-199.9		-200	-20.0	-100	-20.0	-200	-199.9	-200	-100	-200	-199.9	-200						8	3		
Set valu	ıe	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

Shaded settings are the default settings.

The applicable standards for the input types are as follows:

K, J, T, E, N, R, S, B: JIS C 1602-2015, IEC 60584-1

L: Fe-CuNi, DIN 43710-1985

U: Cu-CuNi, DIN 43710-1985

C/W: W5Re/W26Re, JIS C 1602-2015, ASTM E988-1990

JPt100: JIS C 1604-1989, JIS C 1606-1989 Pt100: JIS C 1604-1997, IEC 60751

PL II: According to Platinel II electromotive force charts from BASF (previously Engelhard)

Analog input

Input type	Cur	rent	Voltage						
Input specification	4 to 20 mA	0 to 20 mA	1 to 5 V	0 to 5 V	0 to 10 V				
Setting range	-1999 to 99	Usable in the following ranges by scaling: -1999 to 9999, -199.9 to 999.9, -19.99 to 99.99 or -1.999 to 9.999							
Set value	25	26	27	28	29				

RoHS/REACH対応状況

情報更新: 2025/12/17

EU RoHS

対応状況 ※1	対応予定月 ※2	非含有証明書 ※3
№ 対応済み		ダウンロードはこちら

中国 RoHS

中国RoHS	中国 RoHS表 ※ 1 ※ 2											
Pb	Hg	Cd	Cr(VI)	PBBs	PBDE s	DBP	DIBP	BBP	DEH P	環境 保護 使用 期限		
X	0	0	0	0	0	0	0	0	0	10		

- ・"対応済み"や非含有の記載がされた商品であっても、流通在庫等で未対応品が混在する可能性があります。
- ・非含有品が必要な際は、弊社営業部門もしくは販売店へお問い合わせください。

この製品のRoHS/REACH対応状況ページへ >

注意事項 • 凡例

"対応済み"で記載される商品であっても、流通在庫等で未対応品が混在する可能性があります。 非含有品が必要な際は、弊社営業部門もしくは販売店へお問い合わせください。

※1 対応状況

・ № 対応済み : EU RoHS指令(10物質)の非含有に対応した製品が提供可能な商品です。

対応予定 : EU RoHS指令 (10物質) の非含有に対応した製品に切り替える予定のある商品です。
 対応予定なし : EU RoHS指令 (10物質) の非含有に非対応の商品で、対応品を出す予定はありません。
 調査・確認中 : EU RoHS指令 (10物質) の非含有の対応状況を調査中または確認中の商品です。

・非該当品 :ライセンス料など無形物で、有害物質有無と関係のない商品です。

仕入先様の事情により、非含有部品としていたものが、含有品と判明した場合などやむを得ず変更することがあります。

* EU RoHS指令(10物質):

鉛(Pb) 1000ppm以下、水銀(Hg) 1000ppm以下、カドミウム(Cd) 100ppm以下、六価クロム(Cr(VI)) 1000ppm以下、ポリ臭化ビフェニル類(PBB) 1000ppm以下、ポリ臭化ジフェニルエーテル類(PBDE) 1000ppm以下、フタル酸ビス(2-エチルヘキシル) (DEHP)(別名:DOP) 1000ppm以下、フタル酸ブチルベンジル (BBP) 1000ppm以下、フタル酸ジブチル (DBP) 1000ppm以下、フタル酸ジブチル (DBP) 1000ppm以下、フタル酸ジブチル (DBP) 1000ppm以下、フタル酸ジブチル (DBP) 1000ppm以下、フタル酸ジブチル (DBP) 1000ppm以下、フタル酸ンプチル (DBP) 1000ppm以下、カドミウム(Cd) 100ppm以下、六価クロム(Cr(VI)) 1000ppm以下、プタル酸ブチルベンジル (BBP) 1000ppm以下、フタル酸ンプチルベンジル (BBP) 1000ppm以下、フタル酸ンプチルベンジル (BBP) 1000ppm以下、カルマンジル (BBP) 1000ppm以下、フタル酸ンプチルベンジル (BBP) 1000ppm以下、フタル酸ンプチルベンジル (BBP) 1000ppm以下、フタル酸ンプチルベンジル (BBP) 1000ppm以下、フタル酸ンプチルベンジル (BBP) 1000ppm以下、フタル酸ンプチル (DBP) 1000ppm以下、フタル酸シスタル酸シスタル酸シスタル酸シスタル酸シスタル (DBP) 1000ppm以下、フタル酸シスタル (DBP) 1000ppm以下、DBP (DBP) 1000ppm以下、D

※2 対応予定月

部品在庫の切り替え状況などにより、予定月が前後することがあります。

※3 非含有証明書ダウンロード

下記の非含有証明書をダウンロードすることができます。

- ・EU RoHS指令(10物質)の非含有証明書
- ・49物質の非含有証明書(当社基準)
- ※本証明書は発行日時点で非含有を証明するもので、過去に遡って非含有を証明するものではありません。

また、RoHS指令のフタル酸エステル類4物質の対応では、対応完了までの期間は出荷製品に未対応品が混在することから備考欄に対応日を記載しておりました。

既に当社にて対応品への在庫切替を完了していることから、特段のことがない限り、2022年1月12日より割愛しております。

規格認証/適合状況

UL認証	CSA認証	CEマーキング適合	CCC認証
Yes	Yes	Yes	N/A

LR型式承認	DNV型式承認	BV型式承認	KR型式承認	NK型式承認	ABS型式承認
(イギリス	(ノルウェー	(フランス	(韓国	(日本	(アメリカ
船舶規格)	船舶規格)	船舶規格)	船舶規格)	船舶規格)	船舶規格)
No	No	No	No	No	No

この製品の規格認証/適合状況ページへ > その他の認証はこちらのページからご検索ください >