

Product Discontinuation Notices

Temperature Controllers

Issue Date
February 4, 2013

No. 2012314E(2)

Discontinuation Notice of some E52 series (special specifications) of Temperature Sensors.

<< REQUEST >>

There was modification in portion of product discontinuation notices of Product News No. 2012314E of December 2012 issue.

What we have changed is Discontinued Product and Recommended Replacement and Body Color and Material. Please abolish old edition, replace the latest No. 2012314E(2).

Discontinued Product

Temperature Sensors

Model E52-P[]AE-2
Model E52-P10AE-5
Model E52-P[]C-1 (D=4.6, 6.0, 8.0)
Model E52-P[]C-5 (D=3.2, 4.8, 6.4, 8.0)
Model E52-P[]C-7
Model E52-P[]C-9
Model E52-P[]C-15 (D=6.4)
Model E52-P[]C-19
Model E52-CA[]A-8
Model E52-IC[]A-8
Model E52-CA[]C-7
Model E52-IC[]C-7
Model E52-CA[]C-19
Model E52-IC[]C-19
Model E52-P2GS-5
Model E52-P[]A-5
Model E52-P[]A-24
Model E52-P[]D-2
Model E52-P[]D-9
Model E52-P10GP-7
Model E52-P10GR-5
Model E52-P10GR-7
Model E52-P6F-5
Model E52-P[]F-9
Model E52-CA[]D-2
Model E52-IC[]D-2
Model E52-CA[]F-2
Model E52-IC[]F-2
Model E52-CA[]F-9
Model E52-IC[]F-9
Model E52-CA6D-14



Recommended Replacement

Temperature Sensors

Model E52-P[]AEY-2
Model E52-P10AEY-5
Model E52-P[]C-N-1 (D=4.6, 6.0, 8.0)
Model E52-P[]C-N-5
Model E52-P[]C-N-7
Model E52-P[]C-N-9
Model E52-P[]C-N-15
Model E52-P[]C-N-19
Model E52-CA[]AY-8
Model E52-IC[]AY-8
Model E52-CA[]C-N-7
Model E52-IC[]C-N-7
Model E52-CA[]C-N-19
Model E52-IC[]C-N-19
Model E52-P2GSY-5
Model E52-P[]AY-5
Model E52-P[]AY-24
Model E52-P[]DY-2
Model E52-P[]DY-9
Model E52-P10GPY-7
Model E52-P10GRY-5
Model E52-P10GRY-7
Model E52-P6FY-5
Model E52-P[]FY-9
Model E52-CA[]D-N-2
Model E52-IC[]D-N-2
Model E52-CA[]F-N-2
Model E52-IC[]F-N-2
Model E52-CA[]F-N-9
Model E52-IC[]F-N-9
Model E52-CA6D-N-14

Discontinuation Date

The end of March, 2013

Caution on recommended replacement

* The size of the Y-type crimp terminal of the lead wire (including compensating lead wire) will be changed to M3.5 from M4 which is used for discontinued models.

After replacement, available terminal blocks for connecting are M3 screw terminal block and M3.5 screw terminal block in stead of M4 screw terminal block and M3.5 screw terminal block.

Recommended replacements influenced by this change:

Model E52-P[A]EY-2, Model E52-P10AEY-5, Model E52-CA[A]Y-1, Model E52-IC[A]Y-1, Model E52-CA[A]Y-8, Model E52-IC[A]Y-8, Model E52-P2GSY-5, Model E52-P[A]Y-5, Model E52-P[A]Y-24 Model E52-P[D]Y-2, Model E52-P[D]Y-9, Model E52-P10GPY-7, Model E52-P10GRY-5, Model E52-P6FY-5, Model E52-P[F]Y-9

* For models with terminal box, the shape and dimension of terminal box are changed.

Please note the surrounding configuration and interference in case of use for the replacement instead of the discontinuation products.

Recommended replacements influenced by this change:

Model E52-P[C]N-1, Model E52-P[C]N-5, Model E52-P[C]N-7, Model E52-P[C]N-9, Model E52-P[C]N-19, Model E52-CA[C]N-7, Model E52-IC[C]N-7, Model E52-CA[C]N-19, Model E52-IC[C]N-19, E52-CA[D]N-2, Model E52-IC[D]N-2, Model E52-CA[F]N-2, Model E52-IC[F]N-2

* For some models of the Platinum Residence Thermometer (JIS class A) type, the maximum available sheath length and the maximum available lead length for special specifications are changed.

For all sizes of the protective tubing, the maximum available sheath length is 1 m, and the maximum available lead length is 50 m.

Recommended replacement influenced by this change:

Model E52-P[A]Y-5, Model E52-P10GRY-5, Model E52-P6FY-5

* For explosion-proof type models, the explosion-proof specifications and the shape/dimension of terminal box are changed.

Please note the required explosion level, the surrounding configuration, and interference.

Recommended replacement influenced by this change: Model E52-P[C]N-15

* Recommended replacement models have changed some used parts and internal configuration such that the rated characteristics and purposes of use of the discontinued products will be inherited.

Therefore, please note that any change to product shape and usability is possible.

Differences from discontinued product

Recommended Replacement Model	Body Color	External Dimensions	Wire Connection	Mounting Dimensions	Rated Characteristics	Operating Characteristics	Operation Method
Model E52-P[A]EY-2	○	○	◎	◎	◎	◎	◎
Model E52-P10AEY-5	○	○	◎	◎	◎	◎	◎
Model E52-P[C]N-1	○	×	◎	◎	◎	◎	◎
Model E52-P[C]N-5	○	×	◎	◎	◎	◎	◎
Model E52-P[C]N-7	○	×	◎	◎	○	◎	◎
Model E52-P[C]N-9	○	×	◎	◎	◎	◎	◎
Model E52-P[C]N-15	○	×	◎	◎	○	◎	◎
Model E52-P[C]N-19	○	×	◎	◎	◎	◎	◎
Model E52-CA[A]Y-8	○	○	◎	◎	◎	◎	◎

Recommended Replacement Model	Body Color	External Dimensions	Wire Connection	Mounting Dimensions	Rated Characteristics	Operating Characteristics	Operation Method
Model E52-IC[]AY-8	○	○	◎	◎	◎	◎	◎
Model E52-CA[]C-N-7	○	×	◎	◎	○	◎	◎
Model E52-IC[]C-N-7	○	×	◎	◎	○	◎	◎
Model E52-CA[]C-N-19	○	×	◎	◎	○	◎	◎
Model E52-IC[]C-N-19	○	×	◎	◎	○	◎	◎
Model E52-P2GSY-5	○	○	◎	◎	◎	◎	◎
Model E52-P[]AY-5	○	○	◎	◎	◎	◎	◎
Model E52-P[]AY-24	○	○	◎	◎	◎	◎	◎
Model E52-P[]DY-2	◎	○	◎	◎	◎	◎	◎
Model E52-P[]DY-9	◎	○	◎	◎	○	◎	◎
Model E52-P10GPY-7	○	○	◎	◎	◎	◎	◎
Model E52-P10GRY-5	○	×	◎	◎	◎	◎	◎
Model E52-P10GRY-7	○	×	◎	◎	◎	◎	◎
Model E52-P6FY-5	◎	○	◎	◎	◎	◎	◎
Model E52-P[]FY-9	◎	○	◎	◎	○	◎	◎
Model E52-CA[]D-N-2	×	○	◎	◎	◎	◎	◎
Model E52-IC[]D-N-2	×	○	◎	◎	◎	◎	◎
Model E52-CA[]F-N-2	×	○	◎	◎	◎	◎	◎
Model E52-IC[]F-N-2	×	○	◎	◎	◎	◎	◎
Model E52-CA[]F-N-9	×	○	◎	◎	○	◎	◎
Model E52-IC[]F-N-9	×	○	◎	◎	○	◎	◎
Model E52-CA6D-N-14	×	○	◎	◎	◎	◎	◎

- ◎ : Fully compatible
- : Changed a little/ Almost compatible
- ×
- : No corresponding specifications

■ Product Discontinuation and recommended replacement

Product discontinuation	Recommendable replacement
Model E52-P12AE-2 4M	Model E52-P12AEY-2 4M
Model E52-P15AE-2 1M	Model E52-P15AEY-2 1M
Model E52-P15AE-2 2M	Model E52-P15AEY-2 2M
Model E52-P5AE-2 1M	Model E52-P5AEY-2 1M
Model E52-P10AE-5 1M	Model E52-P10AEY-5 1M
Model E52-P35C-1 D=8	Model E52-P35C-N-1 D=8
Model E52-P50C-1 D=6	Model E52-P50C-N-1 D=6
Model E52-P50C-1 D=8	Model E52-P50C-N-1 D=8
Model E52-P75C-1 D=8	Model E52-P75C-N-1 D=8
Model E52-P20C-5 D=4.8	Model E52-P20C-N-5 D=4.8
Model E52-P100C-7 D=10	Model E52-P100C-N-7 D=10
Model E52-P20C-7 D=8	Model E52-P20C-N-7 D=8
Model E52-P25C-7 D=8	Model E52-P25C-N-7 D=8
Model E52-P30C-7 D=10	Model E52-P30C-N-7 D=10
Model E52-P30C-7 D=8	Model E52-P30C-N-7 D=8
Model E52-P75C-7 D=10	Model E52-P75C-N-7 D=10
Model E52-P100C-9 D=10	Model E52-P100C-N-9 D=10
Model E52-P30C-9 D=8	Model E52-P30C-N-9 D=8
Model E52-P35C-9 D=8	Model E52-P35C-N-9 D=8
Model E52-P50C-9 D=8	Model E52-P50C-N-9 D=8
Model E52-P75C-9 D=10	Model E52-P75C-N-9 D=10
Model E52-P75C-9 D=8	Model E52-P75C-N-9 D=8
Model E52-P105C-15D=6.4L1=1000 10K25	Model E52-P105C-N-15D=6.4L1=1000 10K25
Model E52-P25C-19	Model E52-P25C-N-19

Product discontinuation	Recommendable replacement
Model E52-P25C-19 D=8 D2=8 L1=160	Model E52-P25C-N-19 D=8 D2=8 L1=160
Model E52-P26C-19 D=8 D1=10 L1=160	Model E52-P26C-N-19 D=8 D1=10 L1=160
Model E52-CA9A-8 D=6 NETU 2M	Model E52-CA9AY-8 D=6 NETU 2M
Model E52-CA16A-8 D=6 NETU 2M	Model E52-CA16AY-8 D=6 NETU 2M
Model E52-CA75C-7 D=10	Model E52-CA75C-N-7 D=10
Model E52-CA65C-7 D=4.8	Model E52-CA65C-N-7 D=4.8
Model E52-CA50C-7 D=4.8	Model E52-CA50C-N-7 D=4.8
Model E52-CA50C-7 D=22	Model E52-CA50C-N-7 D=22
Model E52-CA35C-7 D=4.8	Model E52-CA35C-N-7 D=4.8
Model E52-CA35C-7 D=10	Model E52-CA35C-N-7 D=10
Model E52-CA20C-7 D=6.4	Model E52-CA20C-N-7 D=6.4
Model E52-CA20C-7 D=3.2	Model E52-CA20C-N-7 D=3.2
Model E52-CA100C-7 D=22	Model E52-CA100C-N-7 D=22
Model E52-CA30C-19	Model E52-CA30C-N-19
Model E52-P2GS-5 20M	Model E52-P2GSY-5 20M
Model E52-P10A-5 D=3.2 1M	Model E52-P10AY-5 D=3.2 1M
Model E52-P35A-5 D=3.2 1M	Model E52-P35AY-5 D=3.2 1M
Model E52-P10A-24 D=1.6 2M	Model E52-P10AY-24 D=1.6 2M
Model E52-P20A-24 D=1.6 1M	Model E52-P20AY-24 D=1.6 1M
Model E52-P6A-24 D=1.6 NETU 4M	Model E52-P6AY-24 D=1.6 NETU 4M
Model E52-P10D-2 1M	Model E52-P10DY-2 1M
Model E52-P11D-2 10M	Model E52-P11DY-2 10M
Model E52-P15D-2 2M	Model E52-P15DY-2 2M
Model E52-P15D-2 8M	Model E52-P15DY-2 8M
Model E52-P20D-2 10M	Model E52-P20DY-2 10M
Model E52-P25D-2 2M	Model E52-P25DY-2 2M
Model E52-P26D-2 1M	Model E52-P26DY-2 1M
Model E52-P30D-2 10M	Model E52-P30DY-2 10M
Model E52-P30D-2 1M	Model E52-P30DY-2 1M
Model E52-P7D-2 2M	Model E52-P7DY-2 2M
Model E52-P6D-9 1M	Model E52-P6DY-9 1M
Model E52-P6D-9 2M	Model E52-P6DY-9 2M
Model E52-P10GP-7 3M	Model E52-P10GPY-7 3M
Model E52-P10GR-5 20M	Model E52-P10GRY-5 20M
Model E52-P10GR-5 2M	Model E52-P10GRY-5 2M
Model E52-P10GR-7 2M	Model E52-P10GRY-7 2M
Model E52-P6F-5 1M	Model E52-P6FY-5 1M
Model E52-P6F-9 4M	Model E52-P6FY-9 4M
Model E52-CA10D-2 2M	Model E52-CA10D-N-2 2M
Model E52-CA7F-2 1M	Model E52-CA7F-N-2 1M
Model E52-CA25F-9 2M	Model E52-CA25F-N-9 2M
Model E52-CA6D-14 4M	Model E52-CA6D-N-14 4M

* The models listed above are only shipped models in the past 3 years.
It's also possible to produce replacement models other than above. Please contact us for details.

■ Body Color and Material

Discontinued Product Model E52-P[]AE-2	Recommended Replacement Model E52-P[]AEY-2
①Y-type crimp terminal sleeve color [A]Red [B]White [B]White ②Protective tubing material SUS304	①Y-type crimp terminal sleeve color [A]Clear [B]Clear [B]Clear ②Protective tubing material SUS316
Discontinued Product Model E52-P10AE-5	Recommended Replacement Model E52-P10AEY-5
①Y-type crimp terminal sleeve color [A]Red [B]White [B]White ②Protective tubing material SUS304	①Y-type crimp terminal sleeve color [A]Clear [B]Clear [B]Clear ②Protective tubing material SUS316
Discontinued Product Model E52-P[]C-1	Recommended Replacement Model E52-P[]C-N-1
①Sheath material 【Sheath outer diameter = 4.6, 6.0, 8.0 types】 SUS316	①Sheath material 【Sheath outer diameter = 4.6, 6.0, 8.0 types】 ASTM316L
Discontinued Product Model E52-P[]C-5	Recommended Replacement Model E52-P[]C-N-5
①Sheath material 【Sheath outer diameter = 3.2, 4.8, 6.4 types】 SUS316 ②Protective tubing material 【Tube outer diameter = 8.0 type】 SUS316	①Sheath material 【Sheath outer diameter = 3.2, 4.8, 6.4 types】 ASTM316L ②Sheath material (changed from protective tubing) 【Sheath outer diameter = 8.0 type】 ASTM316L
Discontinued Product Model E52-P[]C-7	Recommended Replacement Model E52-P[]C-N-7
①Sheath material 【Sheath outer diameter = 3.2, 4.8, 6.4 types】 SUS316 ②Protective tubing material 【Tube outer diameter = 8.0 type】 SUS316	①Sheath material 【Sheath outer diameter = 3.2, 4.8, 6.4 types】 ASTM316L ②Sheath material (changed from protective tubing) 【Sheath outer diameter = 8.0 type】 ASTM316L
Discontinued Product Model E52-P[]C-9	Recommended Replacement Model E52-P[]C-N-9
①Protective tubing material 【Tube outer diameter = 8.0 type】 SUS316	①Protective tubing material 【Tube outer diameter = 8.0 type】 SUS316L No change.
Discontinued Product Model E52-P[]C-15	Recommended Replacement Model E52-P[]C-N-15
①Protective tubing material 【Tube outer diameter = 6.4 type】 SUS316	①Sheath material (changed from protective tubing) 【Sheath outer diameter = 6.4 type】 ASTM316L

Discontinued Product Model E52-P[C-19	Recommended Replacement Model E52-P[C-N-19
①Protective tubing material 【Tube outer diameter = 8.0 type】 SUS316 ②Protective tubing material 【Tube outer diameter = 8.0 type】 SUS304	①Sheath material (changed from protective tubing) 【Sheath outer diameter = 8.0 type】 ASTM316L ②Protective tubing material 【Tube outer diameter = 8.0 type】 No replacement

Discontinued Products Model E52-CA[A-8 Model E52-IC[A-8	Recommended Replacements Model E52-CA[AY-8 Model E52-IC[AY-8
①Y-type crimp terminal sleeve color [+]Red [-]White	①Y-type crimp terminal sleeve color [+]Clear [-]Clear

Discontinued Products Model E52-CA[C-7 Model E52-IC[C-7	Recommended Replacements Model E52-CA[C-N-7 Model E52-IC[C-N-7
①Protective tubing material 【Tube outer diameter = 3.2, 4.8, 6.4, 8.0 types】 SUS316 ②Protective tubing material 【Tube outer diameter = 10 type】 SUS310S	①Sheath material (changed from protective tubing) 【Sheath outer diameter = 3.2, 4.8, 6.4, 8.0 types】 ASTM316L ②Protective tubing material 【Tube outer diameter = 10 type】 No replacement

Discontinued Products Model E52-CA[C-19 Model E52-IC[C-19	Recommended Replacements Model E52-CA[C-N-19 Model E52-IC[C-N-19
①Protective tubing material 【Tube outer diameter = 8.0 types】 SUS316 【Tube outer diameter = 8.0 type】 SUS304	①Sheath material (changed from protective tubing) 【Sheath outer diameter = 8.0 types】 ASTM316L 【Tube outer diameter = 8.0 type】 No replacement

Discontinued Product Model E52-P2GS-5	Recommended Replacement Model E52-P2GSY-5
①Y-type crimp terminal sleeve color [A]Red [B]White [B]White ②Naked lead wire color [A]Red [B]White [B]Black	①Y-type crimp terminal sleeve color [A]Clear [B]Clear [B]Clear ②Naked lead wire color [A]Red [B]White [B]White

Discontinued Product Model E52-P[A-5	Recommended Replacement Model E52-P[AY-5
①Tube color identification [A]Red [B]White [B]Black	①Tube color identification [A]Red [B]White [B]White

Discontinued Product Model E52-P[A-24	Recommended Replacement Model E52-P[AY-24
①Tube color identification [A]Red [B]White [B]Black	①Tube color identification [A]Red [B]White [B]White

Discontinued Product Model E52-P10GR-5	Recommended Replacement Model E52-P10GRY-5
①Tube color identification [A]Red [B]White [B]Black	①Tube color identification [A]Red [B]White [B]White

Discontinued Products Model E52-CA[]D-2 Model E52-IC[]D-2	Recommended Replacements Model E52-CA[]D-N-2 Model E52-IC[]D-N-2
①Compensating lead wire type Glass-wool-covered ②Compensation lead wire color [K]Blue line in the white ground [J]Yellow line in the white ground ③Element color White/Red stripe(+) White(-)	①Compensating lead wire type Fluororesin-covered ②Compensation lead wire color [K]Blue [J]Yellow ③Element color Red(+) White(-)

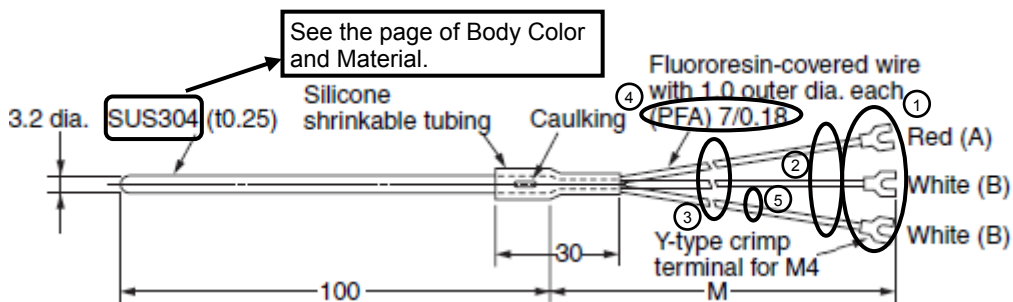
Discontinued Products Model E52-CA[]F-2 Model E52-IC[]F-2	Recommended Replacements Model E52-CA[]F-N-2 Model E52-IC[]F-N-2
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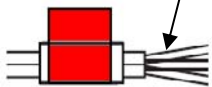
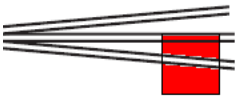
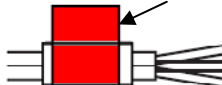
Discontinued Products Model E52-CA[]F-9 Model E52-IC[]F-9	Recommended Replacements Model E52-CA[]F-N-9 Model E52-IC[]F-N-9
①Compensating lead wire type Glass-wool-covered ②Compensation lead wire color [K]Blue line in the white ground [J]Yellow line in the white ground ③Element color White/Red stripe(+) White(-)	①Compensating lead wire type Fluororesin-covered ②Compensation lead wire color [K]Blue [J]Yellow ③Element color Red(+) White(-)

External Dimensions

Discontinued product ⇒ Recommended replacement
 Model E52-P[AE-2 ⇒ Model E52-P[AEY-2

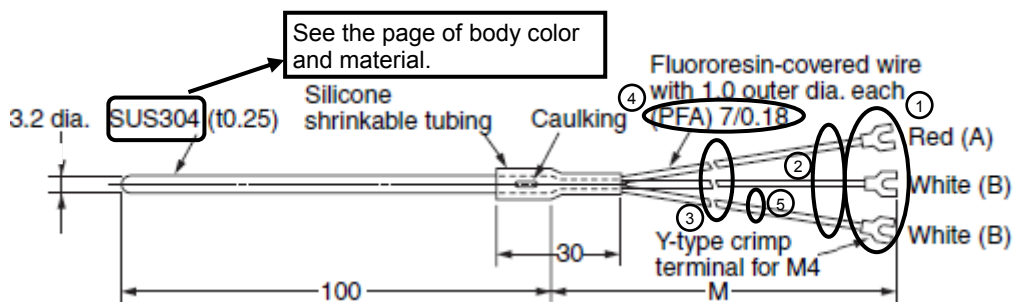
External Dimensions

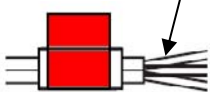
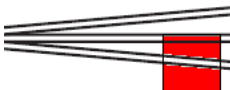
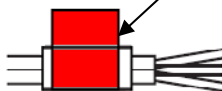


No.	Item	Discontinued Product Model E52-P[AE-2	Recommended Replacement Model E52-P[AEY-2
1.	Size of Y-type crimp terminal	①M4	①M3.5
2.	Location of identification marking tube	②Sleeve part of the Y-type crimp terminal	②Element part of lead wire
3.	Twist wire termination	③None	③With a shrinkable tube 
4.	Number of fluororesin-covered wires/wire diameter(mm)	④ (PFA)7/0.18	④ (PFA)7/0.2
5.	Label location	⑤Element part 	⑤Shrinkable tube part of twist wire termination 

Discontinued product ⇒ Recommended replacement
 Model E52-P10AE-5 ⇒ Model E52-P10AEY-5

External Dimensions



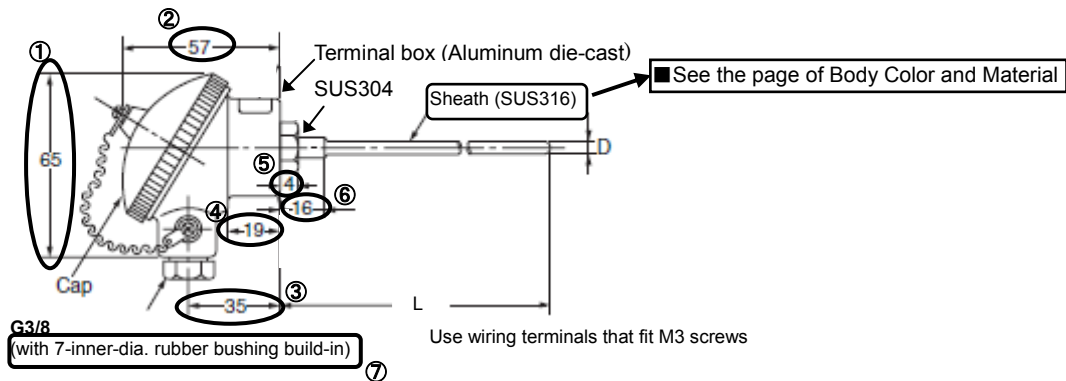
No.	Item	Discontinued Product Model E52-P10AE-5	Recommended Replacement Model E52-P10AEY-5
1.	Size of Y-type crimp terminal	①M4	①M3.5
2.	Location of identification marking tube	②Sleeve part of the Y-type crimp terminal	②Element part of lead wire
3.	Twist wire termination	③None	③With a shrinkable tube 
4.	Number of fluororesin-covered wires/wire diameter(mm)	④ (PFA)7/0.18	④ (PFA)7/0.2
5.	Label location	⑤Element part 	⑤Shrinkable tube part of twist wire termination 

Discontinued product ⇒ Recommended replacement
 Model E52-P[C-1 ⇒ Model E52-P[C-N-1

Protective tubing outer diameter = 4.6, 6.0, 8.0

Enclosed-terminal Models

Dimensions are given in millimeters, except for the length (L), which is provided in centimeters.



Terminal Box: The permissible temperature is 0 °C to 80 °C.

Note: The terminals in the cap indicate polarity (A, B, b)

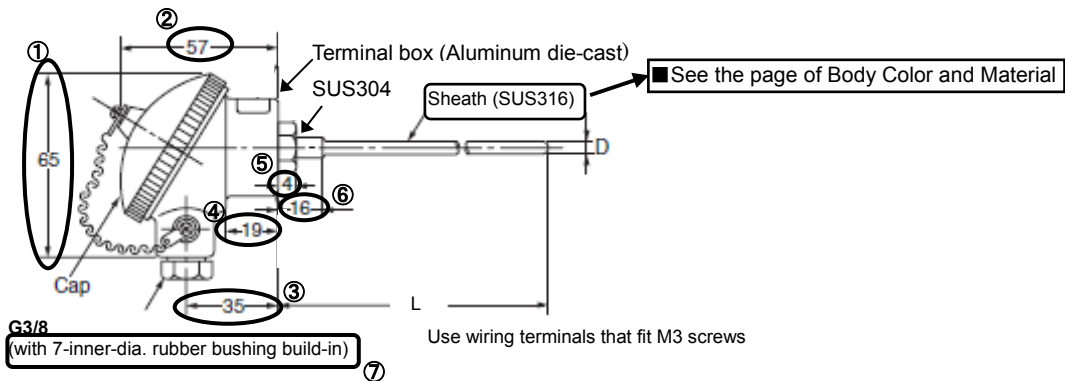
No.	Item	Discontinued Product Model E52-P[C-1	Recommended Replacement Model E52-P[C-N-1
1.	Aluminum die-cast terminal box (Unit: mm)	①65 ②57 ③35 ④19 ⑤4 ⑥16 ⑦7 dia.	①66 ②67 ③40 ④15 ⑤5 ⑥15 ⑦6.5 dia.

Discontinued product ⇒ Recommended replacement
 Model E52-P[C-5 ⇒ Model E52-P[C-N-5

Protective tubing outer diameter = 3.2, 4.8, 6.4

Enclosed-terminal Models

Dimensions are given in millimeters, except for the length (L), which is provided in centimeters.



Terminal Box: The permissible temperature is 0 °C to 80 °C.

Note: The terminals in the cap indicate polarity (A, B, b)

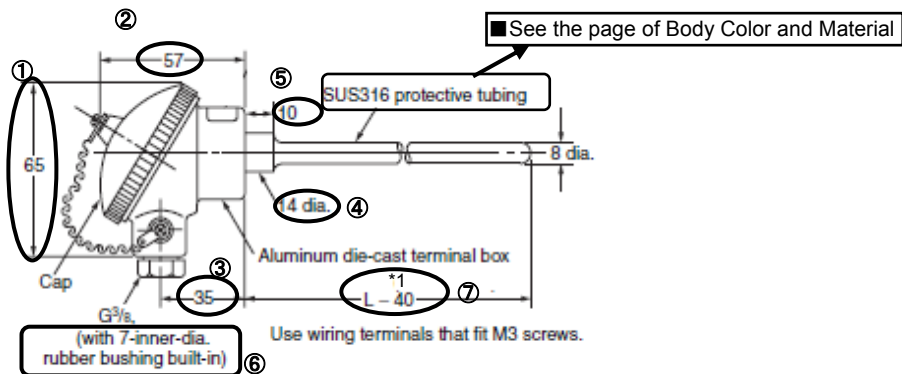
No.	Item	Discontinued Product Model E52-P[C-5	Recommended Replacement Model E52-P[C-N-5
1.	Aluminum die-cast terminal box (Unit: mm)	【3.2, 4.8, 6.4 dia. protective tubing type】 ①65 ②57 ③35 ④19 ⑤4 ⑥16 ⑦7 dia.	【3.2, 4.8, 6.4 dia. protective tubing type】 ①66 ②67 ③40 ④15 ⑤5 ⑥15 ⑦6.5 dia.

Discontinued product ⇒ Recommended replacement
 Model E52-P[C-5 ⇒ Model E52-P[C-N-5

Protective tubing outer diameter = 8

Enclosed-terminal Models

Dimensions are given in millimeters, except for the length (L), which is provided in centimeters.



*1. The length L is in centimeters, but "40" is 40 millimeters.
 Therefore, for the E52-P20C, L=20 (cm), the protective tubing length L-40 = 200 – 40 = 160 mm.

Terminal Box: The permissible temperature is 0 °C to 80 °C.

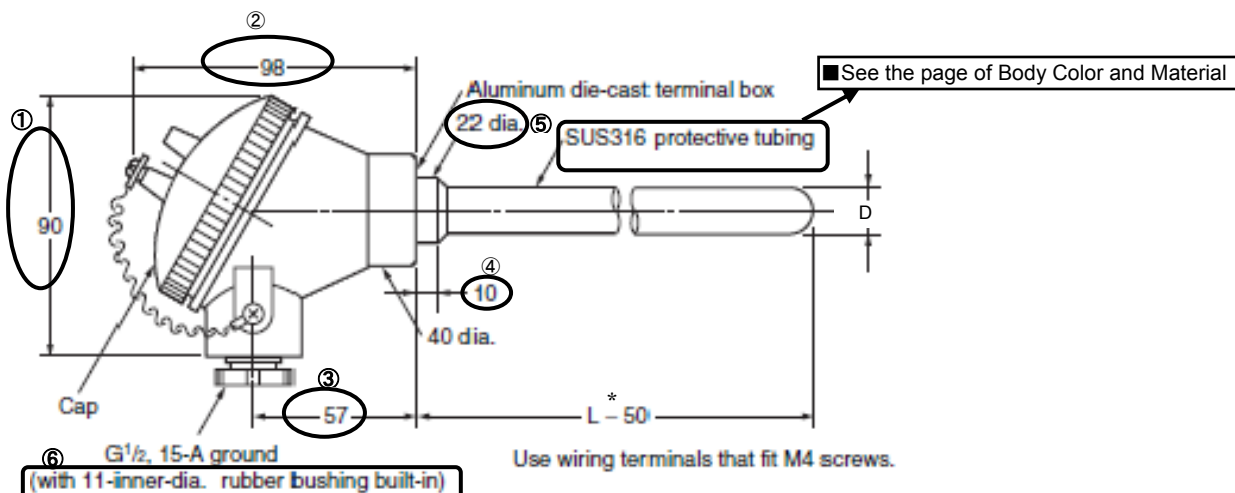
No.	Item	Discontinued Product Model E52-P[C-5	Recommended Replacement Model E52-P[C-N-5
1.	Aluminum die-cast terminal box (Unit: mm)	【8 dia protective tubing type】 ①65 ②57 ③35 ④14 dia. (round shape) ⑤10 ⑥7 dia. ⑦L-40	【8 dia. sheath type】 ①66 ②67 ③40 ④Horizontal diameter 17 (hexagon shape) ⑤15 ⑥φ6.5 ⑦L-35

Discontinued Product ⇒ Recommended replacement
 Model E52-P[C-7 ⇒ Model E52-P[C-N-7

Protective tubing dia. = 3.2, 4.8, 6.4, 8, 10

Enclosed-terminal Models

Dimensions are given in millimeters, except for the length (L), which is provided in centimeters.



* The length L is in centimeters, but "50" is 50 millimeters.
 Therefore, for the E52-P75C: L = 75 (cm), the protective tubing length L – 50 = 750 – 50 = 700 mm.

Terminal box: The permissible temperature is 0°C to 80 °C

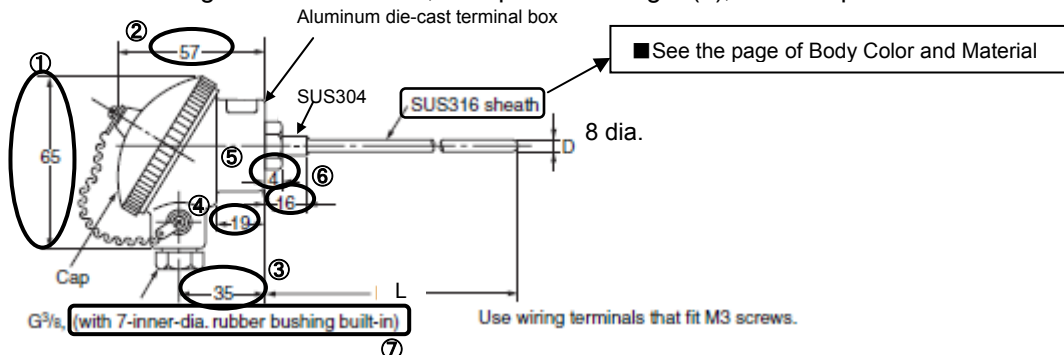
No.	Item	Discontinued Product Model E52-P[C-7	Recommended Replacement Model E52-P[C-N-7
1.	Aluminum die-cast terminal box (Unit: mm)	①90 ②98 ③57 ④10 ⑤22 dia.(round shape) ⑥11 dia.	①86 ②96 ③53 ④5 ⑤Horizontal diameter 26 (hexagon shape) ⑥9 dia.

Discontinued product ⇒ Recommended replacement
 Model E52-P[C-9 ⇒ Model E52-P[C-N-9

Protective tubing dia. = 8

Enclosed-terminal Models

Dimensions are given in millimeters, except for the length (L), which is provided in centimeters.



Terminal Box: The permissible temperature is 0 °C to 80 °C.

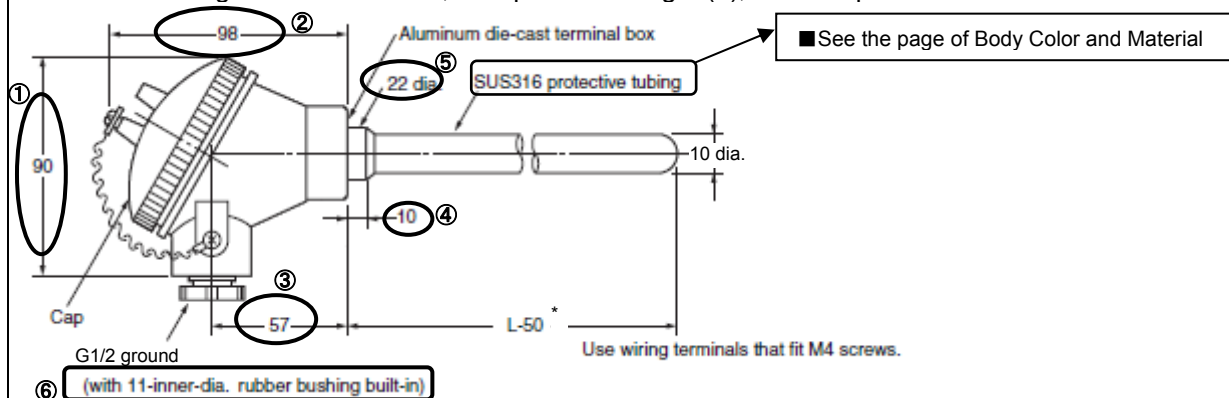
Note: The terminals in the cap indicate polarity (A, B, b)

No.	Item	Discontinued Product Model E52-P[C-9	Recommended Replacement Model E52-P[C-N-9
1.	Aluminum die-cast terminal box (Unit: mm)	【8 dia. protective tubing type】 ①65 ②57 ③35 ④19 ⑤4 ⑥16 ⑦7 dia.	【8 dia. sheath type】 ①66 ②67 ③40 ④15 ⑤5 ⑥15 ⑦6.5 dia.

Protective tubing dia. = 10

Enclosed-terminal Models

Dimensions are given in millimeters, except for the length (L), which is provided in centimeters.



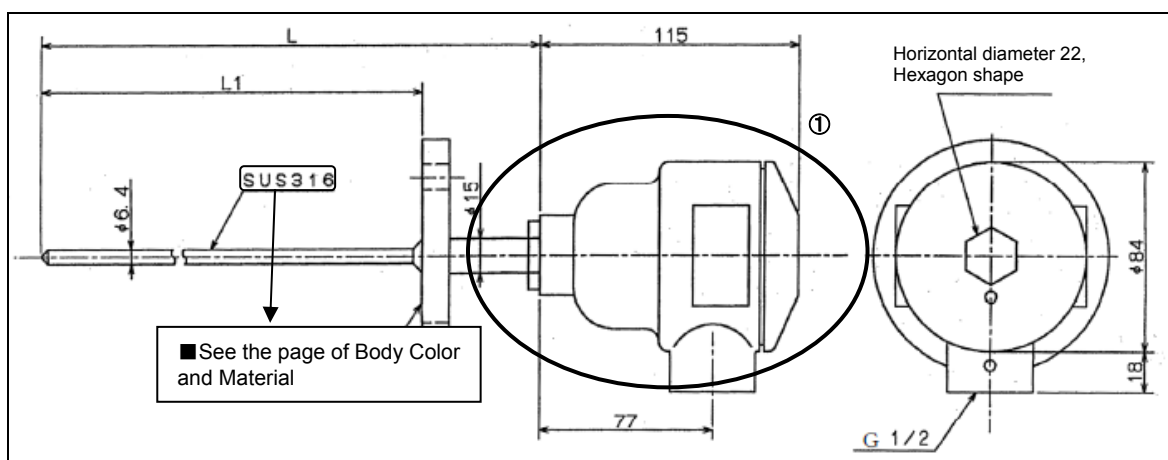
* The length L is in centimeters, but "50" is 50 millimeters.

Therefore, for the E52-P75C: L = 75 (cm), the protective tubing length L – 50 = 750 – 50 = 700 mm.

Terminal box: The permissible temperature is 0°C to 80 °C

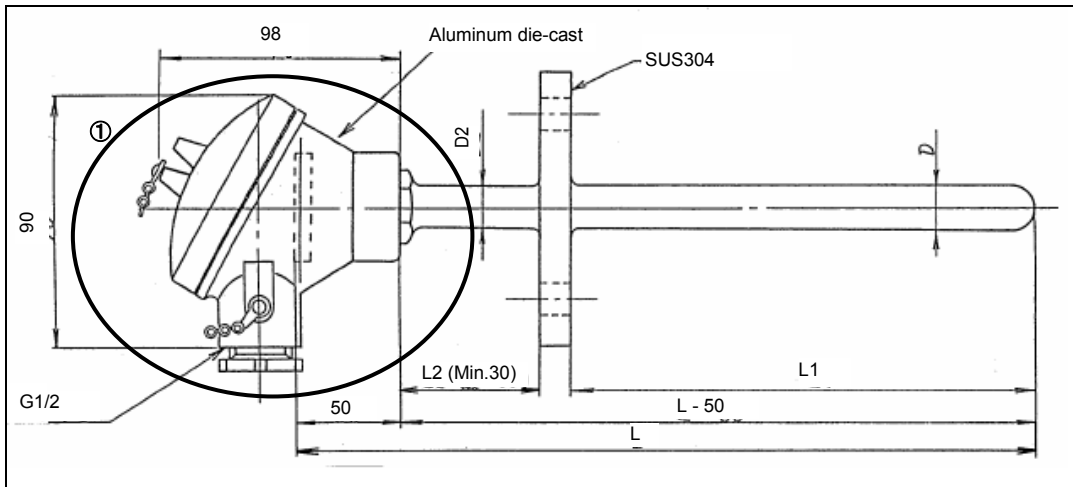
No.	Item	Discontinued Product Model E52-P[C-9	Recommended Replacement Model E52-P[C-N-9
1.	Aluminum die-cast terminal box (Unit: mm)	【10 dia. protective tubing type】 ①90 ②98 ③57 ④10 ⑤22 dia. (round shape) ⑥11 dia.	【10 dia. protective tubing type】 ①86 ②96 ③53 ④5 ⑤Horizontal diameter 26 (Hexagon shape) ⑥9dia.

Discontinued product ⇒ Recommended replacement
 Model E52-P[C-15 ⇒ Model E52-P[C-N-15



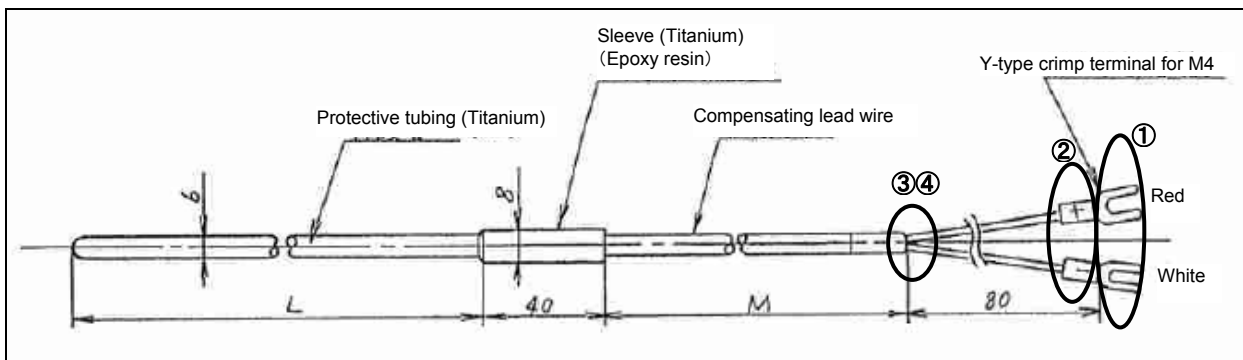
No.	Item	Discontinued Product Model E52-P[C-15	Recommended Replacement Model E52-P[C-N-15
1.	Lead wire wiring method	Metal conduit connected with screws to terminal box	Pressure-resistant packing cable gland method
2.	Terminal box size	①As shown in the above figure.	① <p>Pressure-resistant explosion-proof cable gland SCLU10 (with C110) Adaptve cable diameter</p> <p>Details of terminal board</p>

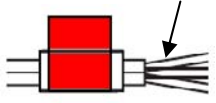
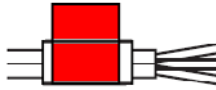
Discontinued product ⇒ Recommended replacement
 Model E52-P[C-19 ⇒ Model E52-P[C-N-19



No.	Item	Discontinued Product Model E52-P[C-19	Recommended Replacement Model E52-P[C-N-19
1.	Terminal box size	①As shown in the above figure.	①

Discontinued products ⇒ Recommended replacements
 Model E52-CA[A-8] ⇒ Model E52-CA[AY-8]
 Model E52-IC[A-8] ⇒ Model E52-IC[AY-8]



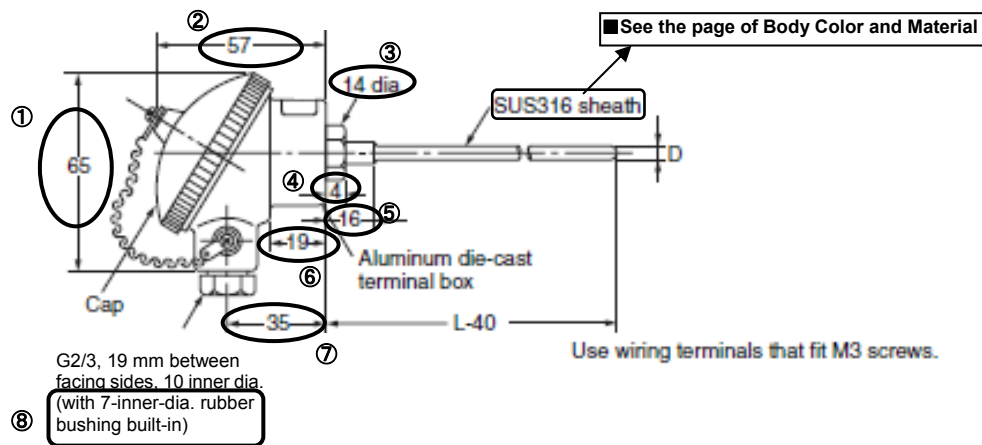
No.	Item	Discontinued Products Model E52-CA[A-8] Model E52-IC[A-8]	Recommended Replacements Model E52-CA[AY-8] Model E52-IC[AY-8]
1.	Size of Y-type crimp terminal	①M4	①M3.5
2.	Location of the identification marking tube	②Sleeve part of the Y-type crimp terminal	②Element part of lead wire
3.	Twist wire termination	③None	③With a shrinkable tube 
4.	Location of label	④None	④Shrinkable tube of lead wire terminal 

Discontinued products ⇒ Recommended replacements
 Model E52-CA[C-7 ⇒ Model E52-CA[C-N-7
 Model E52-IC[C-7 ⇒ Model E52-IC[C-N-7

Protective tubing outer diameter = 3.2, 4.8, 6.4, 8.0

Enclosed-terminal Models

Dimensions are given in millimeters, except for the length (L), which is provided in centimeters.



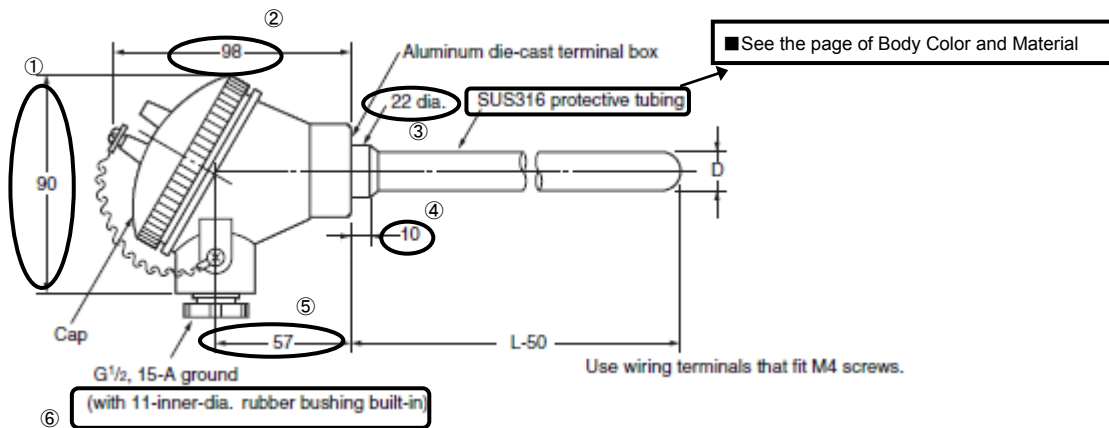
No.	Item	Discontinued Products Model E52-CA[C-7 Model E52-IC[C-7	Recommended Replacements Model E52-CA[C-N-7 Model E52-IC[C-N-7
1.	Size of terminal box (Unit: mm)	①65 ②57 ③14 dia. (round shape) ④4 ⑤16 ⑥19 ⑦35 ⑧7 dia.	①66 ②67 ③Horizontal diameter 17 (Hexagon shape) ④5 ⑤15 ⑥15 ⑦40 ⑧6.5 dia.

Discontinued products ⇒ Recommended replacements
 Model E52-CA[C-7 ⇒ Model E52-CA[C-N-7
 Model E52-IC[C-7 ⇒ Model E52-IC[C-N-7

Protective tubing outer diameter = 10, 12, 15, 22

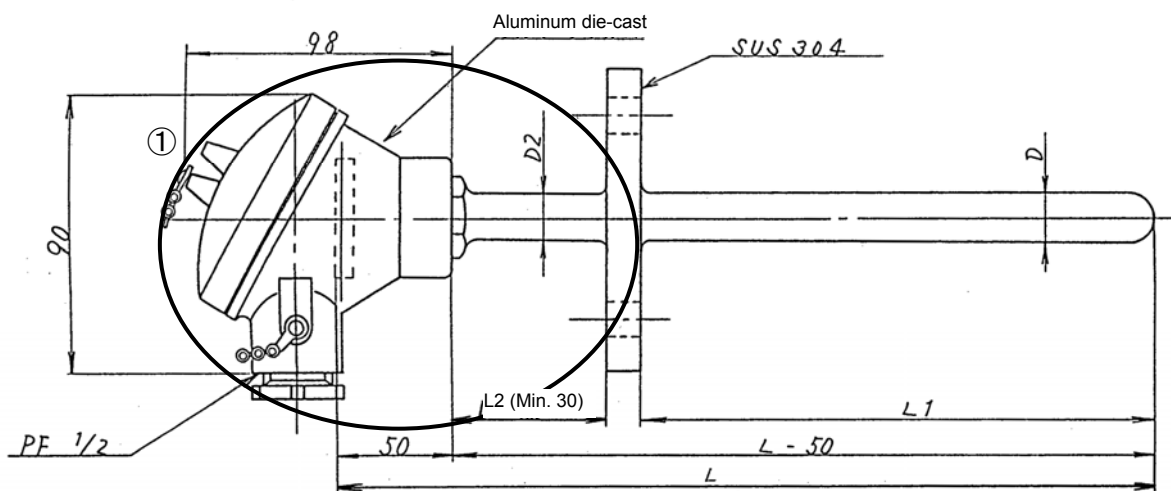
Enclosed-terminal Models

Dimensions are given in millimeters, except for the length (L), which is provided in centimeters.



No.	Item	Discontinued Products Model E52-CA[C-7 Model E52-IC[C-7	Recommended Replacements Model E52-CA[C-N-7 Model E52-IC[C-N-7
1.	Size of terminal box (Unit: mm)	①90 ②98 ③22 dia. (round shape) ④10 ⑤57 ⑥11 dia.	①86 ②96 ③Horizontal diameter 26 (Hexagon shape) ④5 ⑤53 ⑥9 dia.

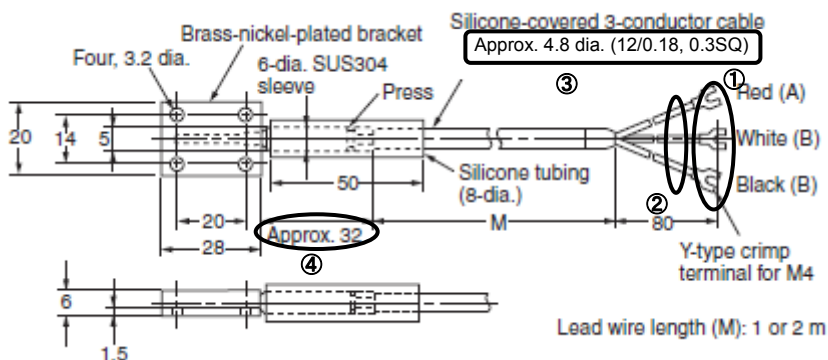
Discontinued products → Recommended replacements
 Model E52-CA□C-19 → Model E52-CA□C-N-19
 Model E52-IC□C-19 → Model E52-IC□C-N-19



No.	Item	Discontinued Products Model E52-CA□C-19 Model E52-IC□C-19	Recommended Replacements Model E52-CA□C-N-19 Model E52-IC□C-N-19
1.	Size of terminal box	①As shown in the above figure.	① <p>Technical drawing showing the size of the terminal box. The main view shows a cylindrical body with a diameter of 21.7 mm. The length of the main body is 90 mm, and the total length including the mounting flange is L. The mounting flange has a diameter of D and a length of L1. The distance from the front face of the main body to the start of the mounting flange is 50 mm. The distance from the front face to the end of the mounting flange is L - 50 mm. The mounting flange is made of SUS 304. The main body is made of Aluminum die-cast. A detail view (1) shows the front face of the main body with a diameter of 90 mm and a mounting flange with a diameter of D2. The mounting flange has a length of L2 (Min. 30). The front face has a PF 1/2 connection. The drawing also shows a detail of the terminal board with 2-M4 screws.</p>

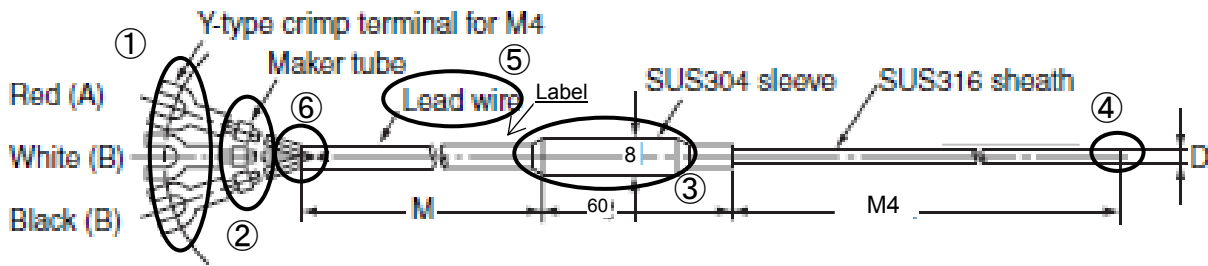
Discontinued product ⇒ Recommended replacement
 Model E52-P2GS-5 ⇒ Model E52-P2GSY-5

External Dimensions



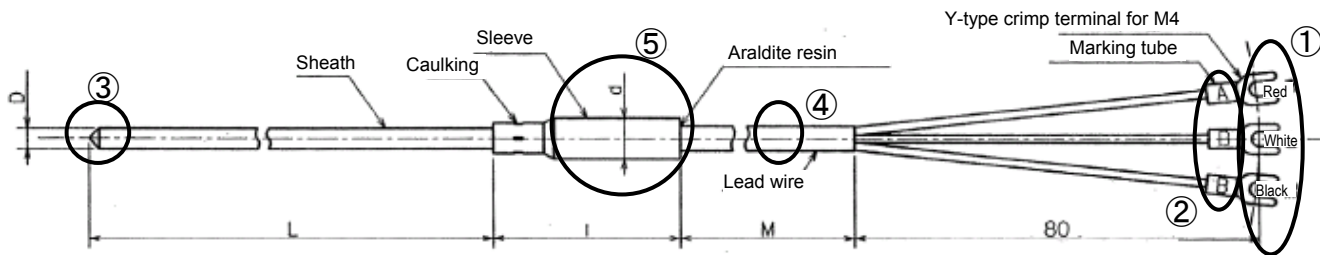
No.	Item	Discontinued Product Model E52-P2GS-5	Recommended Replacement Model E52-P2GSY-5
1.	Size of Y-type crimp terminal	①M4	①M3.5
2.	Location of the identification marking tube	②Sleeve part of the Y-type crimp terminal	②Element part of lead wire
3.	Silicone-covered 3-conductor cable (Unit: mm)	③Twelve 0.18-dia. conductors (0.3 mm thick) and approx. 4.8 dia.	③Thirty 0.08-dia. Conductors (0.15 mm thick) and approx. 3.9 dia.
4.	Dimension of ④ in above figure (Unit: mm)	④Approx. 32	④Approx. 30

Discontinued product ⇒ Recommended replacement
 Model E52-P[A-5 ⇒ Model E52-P[AY-5



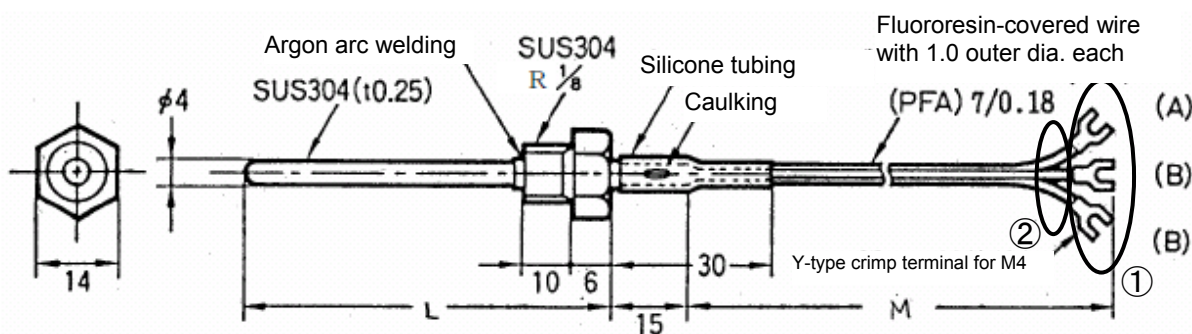
No.	Item	Discontinued Product Model E52-P[A-5	Recommended Replacement Model E52-P[AY-5
1.	Size of Y-type crimp terminal	①M4	①M3.5
2.	Location of the identification marking tube	②Sleeve part of the Y-type crimp terminal	②Element part of lead wire
3.	Sleeve length of the sheath	③L=60mm	③L=40mm
4.	Sleeve end shape	④cone-shaped	④ball-shaped
5.	Outer dia. of compensating lead wire	⑤Approx. 5.0 dia. (Heat resistive)	⑤Approx. 4.0 dia. (Heat resistive)
6.	Location of label	⑥Surface of the sheath sleeve	⑥Shrinkable tubing of lead wire terminal

Discontinued product ⇒ Recommended replacement
Model E52-P[A-24 ⇒ Model E52-P[AY-24



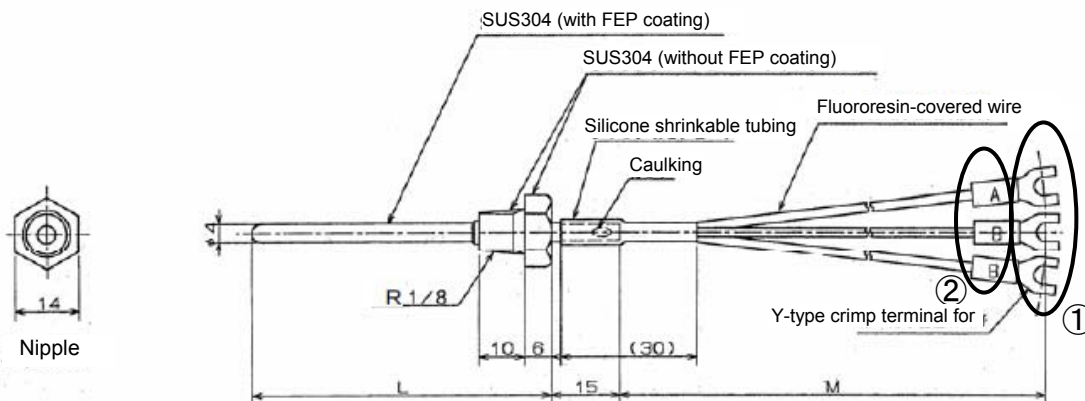
No.	Item	Discontinued Product Model E52-P[A-24	Recommended Replacement Model E52-P[AY-24
1.	Size of Y-type crimp terminal	①M4	①M3.5
2.	Location of the identification marking tube	②Sleeve part of the Y-type crimp terminal	②Element part of lead wire
3.	Sleeve end shape	③cone-shaped	③ball-shaped
4.	Outer dia. of compensating lead wire	④Approx. 5.0 dia. (Heat resistive)	④Approx. 4.0 dia. (Heat resistive)
5.	Location of label	⑤Surface of the sheath sleeve	⑤Shrinkable tubing of lead wire terminal

Discontinued product ⇒ Recommended replacement
Model E52-P[D-2 ⇒ Model E52-P[DY-2



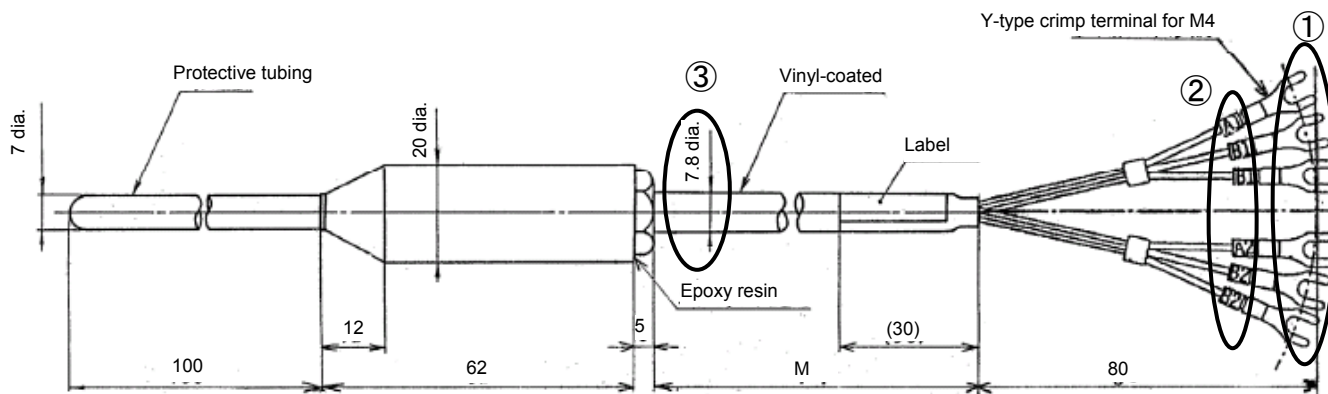
No.	Item	Discontinued Product Model E52-P[D-2	Recommended Replacement Model E52-P[DY-2
1.	Size of Y-type crimp terminal	①M4	①M3.5
2.	Location of the identification marking tube	②Sleeve part of the Y-type crimp terminal	②Element part of lead wire

Discontinued product ⇒ Recommended replacement
Model E52-P[D-9 ⇒ Model E52-P[DY-9



No.	Item	Discontinued Product Model E52-P[D-9	Recommended Replacement Model E52-P[DY-9
1.	Size of Y-type crimp terminal	①M4	①M3.5
2.	Location of the identification marking tube	②Sleeve part of the Y-type crimp terminal	②Element part of lead wire

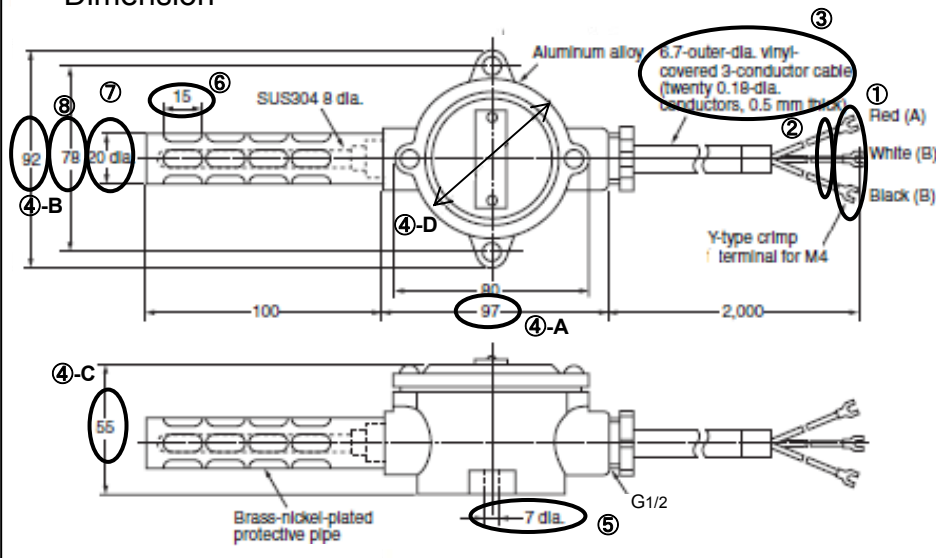
Discontinued product ⇒ Recommended replacement
Model E52-P10GP-7 ⇒ Model E52-P10GPY-7

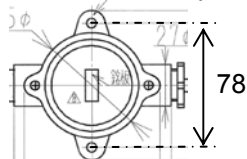
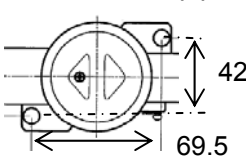


No.	Item	Discontinued Product Model E52-P10GP-7	Recommended Replacement Model E52-P10GPY-7
1.	Size of Y-type crimp terminal	①M4	①M3.5
2.	Location of the identification marking tube	②Sleeve part of the Y-type crimp terminal	②Element part of lead wire
3.	Size of Vinyl-covered conductor (Unit: mm)	③Outer dia. 7.8	③Outer dia. 6.2

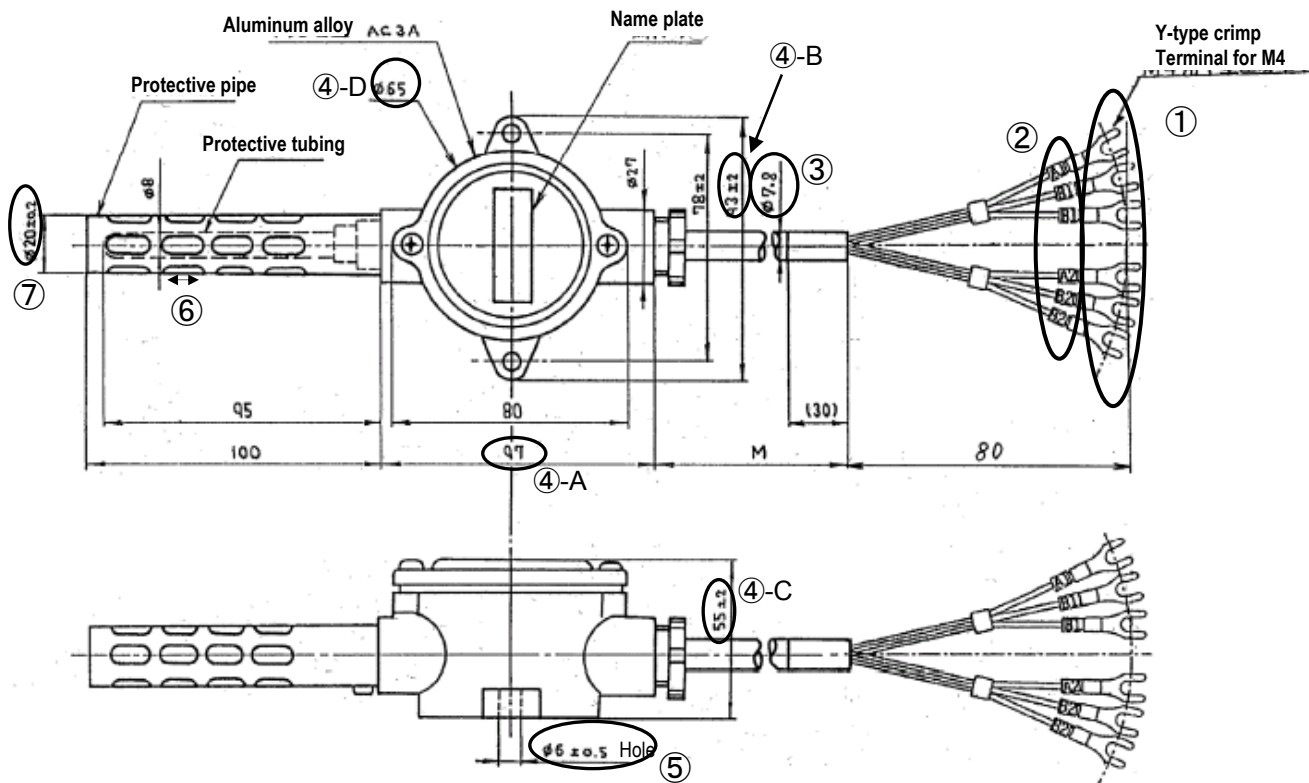
Discontinued Product ⇒ Recommended replacement
 Model E52-P10GR-5 ⇒ Model E52-P10GRY-5

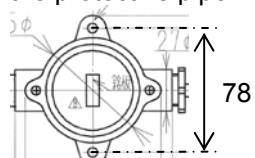
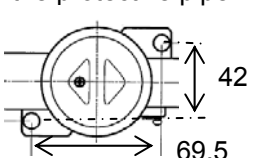
Dimension



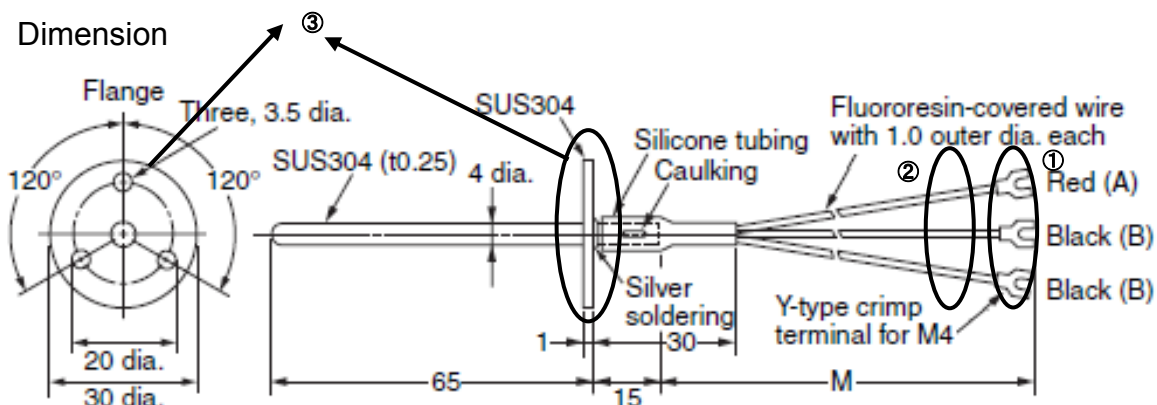
No.	Item	Discontinued Product Model E52-P10GR-5	Recommended Replacement Model E52-P10GRY-5
1.	Size of Y-type crimp terminal	①M4	①M3.5
2.	Location of identification marking tube	②Sleeve part of the Y-type crimp terminal	②Element part of lead wire
3.	Size of vinyl-covered 3-conductor cable (Unit: mm)	③6.7-outer-dia. (twenty 0.18-dia. conductors, 0.5 mm thick)	③6.1-outer-dia. (twenty 0.18-dia. conductors, 0.5 mm thick)
4.	Terminal box size (Unit: mm)	④-A 97 ④-B 92 ④-C 55 ④-D 65	④-A 97 ④-B 70 ④-C 56 ④-D 70
5.	Hole-diameter of terminal box installation screw (Unit: mm)	⑤7 dia.	⑤8 dia.
6.	Protective pipe type (Unit: mm)	⑥Oval shape (L=15)	⑥Round shape (4.8 dia.)
7.	Protective pipe diameter (Unit: mm)	⑦20 dia.	⑦22.2 dia.
8.	Pitch and direction of terminal box installation screw (Unit: mm)	Vertically against the protective pipe 	Diagonal against the protective pipe 

Discontinued Product ⇒ **Recommended replacement**
Model E52-P10GR-7 ⇒ **Model E52-P10GRY-7**



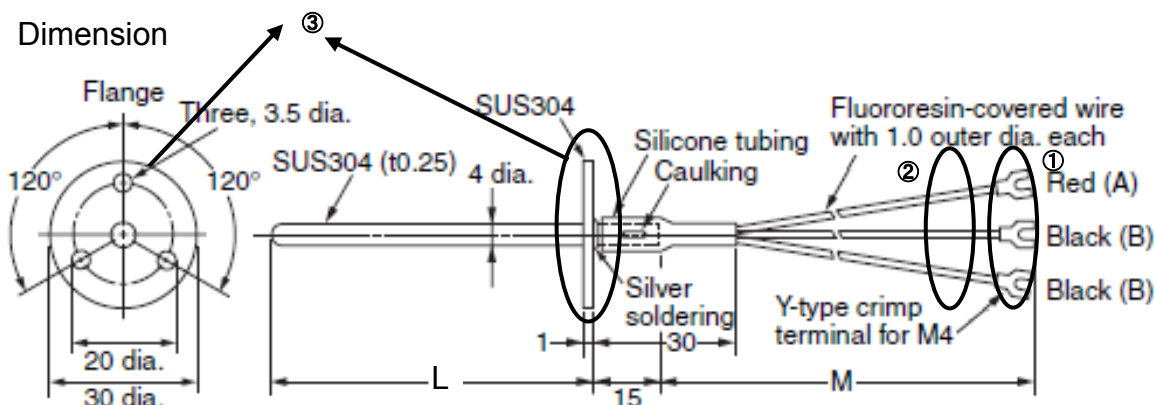
No.	Item	Discontinued Product Model E52-P10GR-7	Recommended Replacement Model E52-P10GRY-7
1.	Size of Y-type crimp terminal	①M4	①M3.5
2.	Location of identification marking tube	②Sleeve part of the Y-type crimp terminal	②Element part of lead wire
3.	Size of vinyl-covered conductor cable (Unit: mm)	③7.8-outer-dia.	③6.2-outer-dia.
4.	Terminal box size (Unit: mm)	④-A 97 ④-B 93 ④-C 55 ④-D 65	④-A 97 ④-B 70 ④-C 56 ④-D 70
5.	Hole-diameter of terminal box installation screw (Unit: mm)	⑤6 dia.	⑤8 dia.
6.	Protective pipe type (Unit: mm)	⑥Oval shape (L=15)	⑥Round shape (4.8 dia.)
7.	Protective pipe diameter (Unit: mm)	⑦20 dia.	⑦22.2 dia.
8.	Pitch and direction of terminal box installation screw (Unit: mm)	Vertically against the protective pipe 	Diagonal against the protective pipe 

Discontinued Product ⇒ Recommended replacement
 Model E52-P6F-5 ⇒ Model E52-P6FY-5



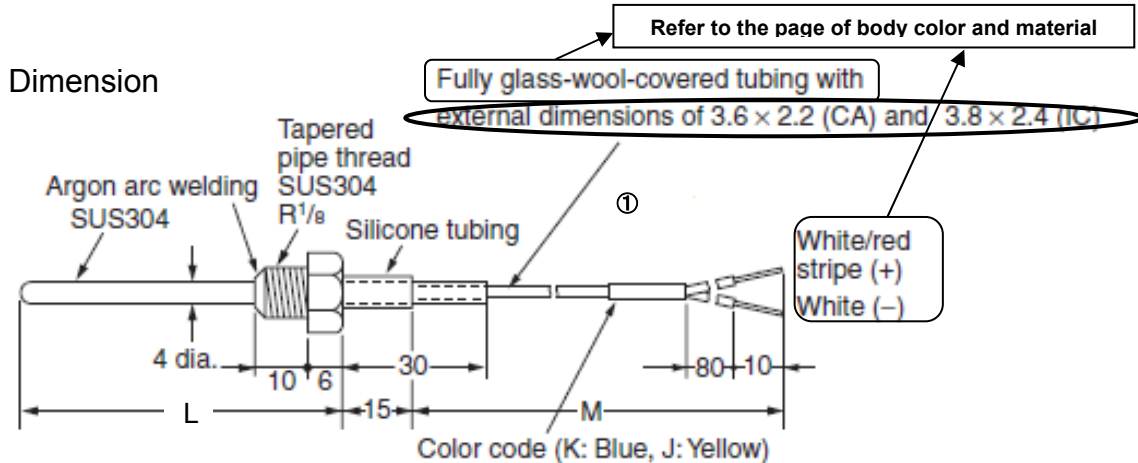
No.	Item	Discontinued Product Model E52-P6F-5	Recommended Replacement Model E52-P6FY-5
1.	Size of Y-type crimp terminal	①M4	①M3.5
2.	Location of identification marking tube	②Sleeve part of the Y-type crimp terminal	②Element part of lead wire
3.	Flange surface finish	③Glossy	③Matte

Discontinued Product ⇒ Recommended replacement
 Model E52-P[F-9 ⇒ Model E52-P[FY-9



No.	Item	Discontinued Product Model E52-P[F-9	Recommended Replacement Model E52-P[FY-9
1.	Size of Y-type crimp terminal	①M4	①M3.5
2.	Location of identification marking tube	②Sleeve part of the Y-type crimp terminal	②Element part of lead wire
3.	Flange surface finish	③Glossy	③Matte

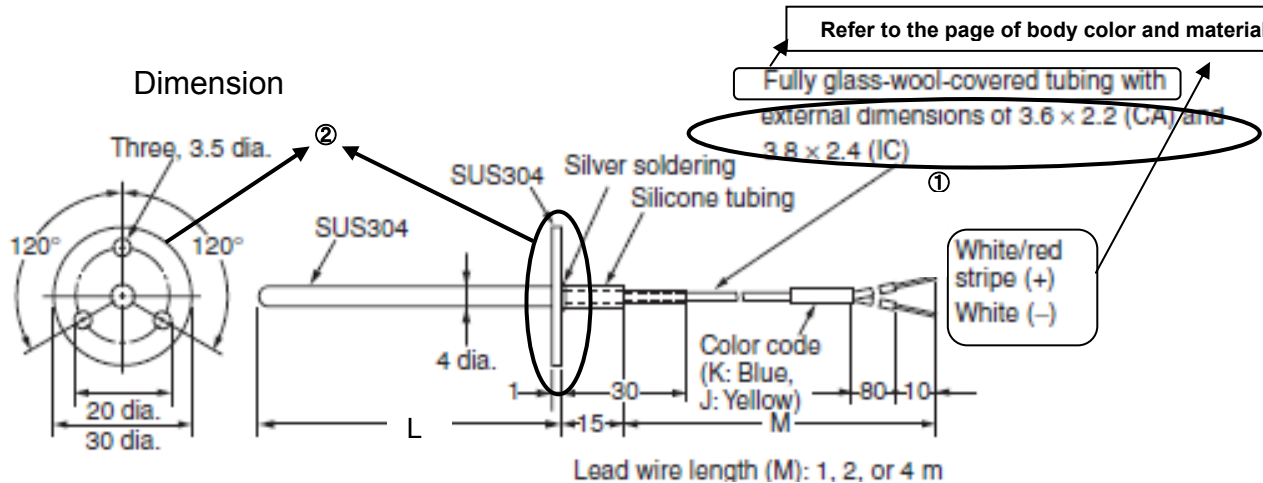
Discontinued Product ⇒ Recommended replacement
 Model E52-CA[D-2] ⇒ Model E52-CA[D-N-2]
 Model E52-IC[D-2] ⇒ Model E52-IC[D-N-2]



Lead wire length (M): 1, 2, or 4 m

No.	Item	Discontinued Product Model E52-CA[D-2] Model E52-IC[D-2]	Recommended Replacement Model E52-CA[D-N-2] Model E52-IC[D-N-2]
1.	External dimensions (Unit: mm)	①3.6×2.2(CA) 3.8×2.4(IC)	①1.6×1.0(CA) 1.6×1.0(IC)

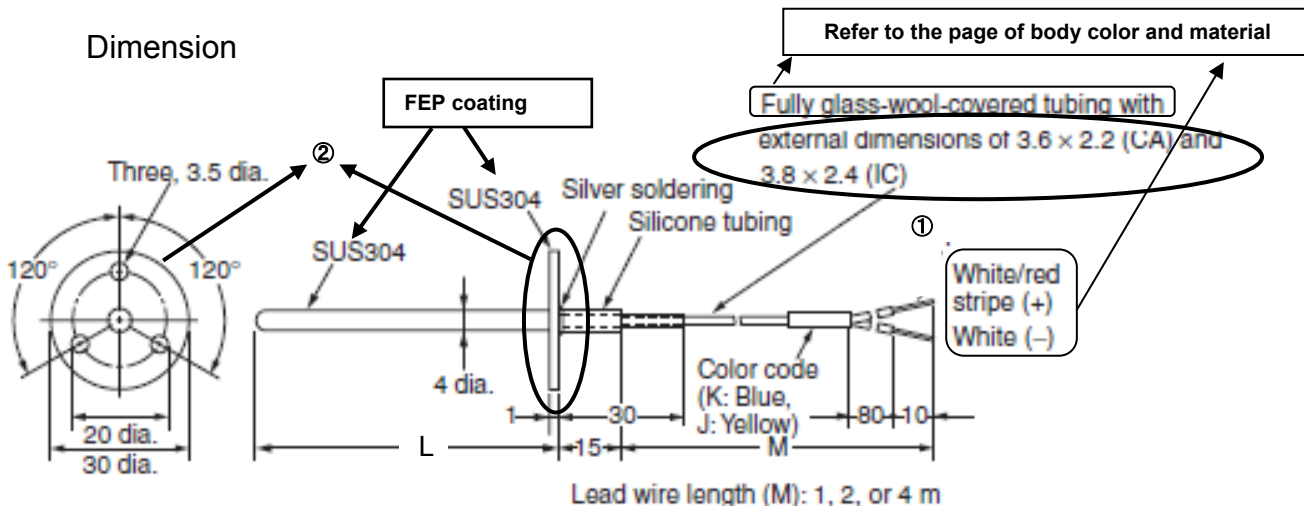
Discontinued Product ⇒ Recommended replacement
 Model E52-CA[F-2] ⇒ Model E52-CA[F-N-2]
 Model E52-IC[F-2] ⇒ Model E52-IC[F-N-2]



No.	Item	Discontinued Product Model E52-CA[F-2] Model E52-IC[F-2]	Recommended Replacement Model E52-CA[F-N-2] Model E52-IC[F-N-2]
1.	External dimensions (Unit: mm)	①3.6×2.2(CA) 3.8×2.4(IC)	①1.6×1.0(CA) 1.6×1.0(IC)
2.	Flange surface finish	②Glossy	②Matte

Discontinued Product ⇒ Recommended replacement
 Model E52-CA[F-9] ⇒ Model E52-CA[F-N-9]
 Model E52-IC[F-9] ⇒ Model E52-IC[F-N-9]

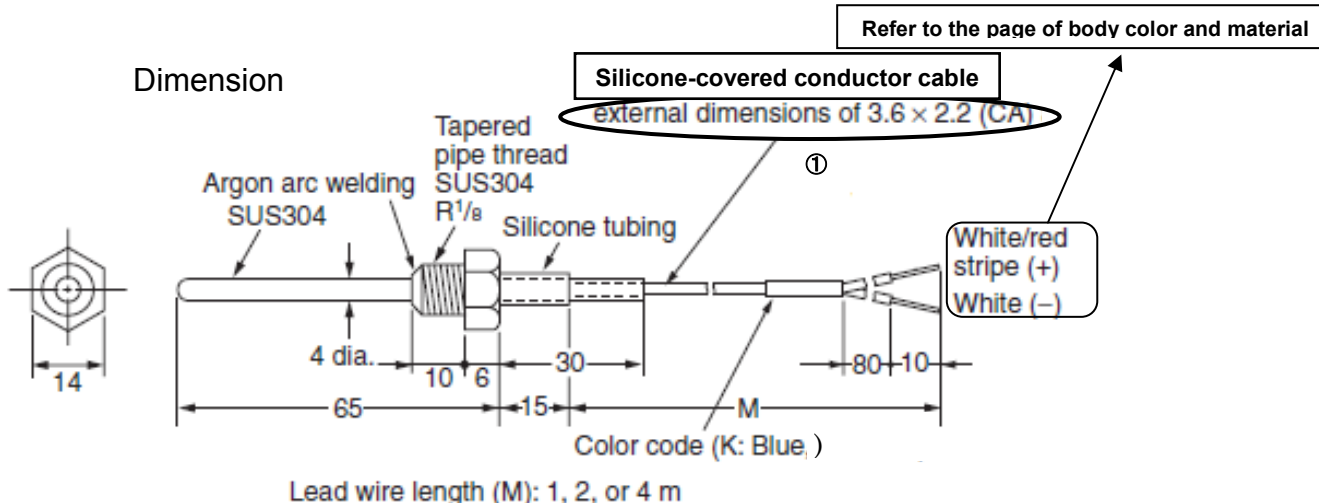
Dimension



No.	Item	Discontinued Product Model E52-CA[F-9] Model E52-IC[F-9]	Recommended Replacement Model E52-CA[F-N-9] Model E52-IC[F-N-9]
1.	External dimensions (Unit: mm)	①3.6×2.2(CA) 3.8×2.4(IC)	①1.6×1.0(CA) 1.6×1.0(IC)
2.	Flange surface finish	②Glossy	②Matte

Discontinued Product ⇒ Recommended replacement
 Model E52-CA6D-14 ⇒ Model E52-CA6D-N-14

Dimension



No.	Item	Discontinued Product Model E52-CA6D-14	Recommended Replacement Model E52-CA6D-N-14
1.	External dimensions (Unit: mm)	①3.6×2.2(CA)	①2.4 dia.

[Characteristics]

There are no change points of the characteristics except for following goods.

Item	Product discontinuation Model E52-P[C-7	Recommendable replacement Model E52-P[C-N-7
Measurement temperature range	-50 to 250°C (D=3.2, 8, 10) -200 to 450°C (D=4.8, 6.4)	-200 to 450°C (D=3.2, 4.8, 6.4, 8) 0 to 450°C (D=10)

Item	Product discontinuation Model E52-P[C-15(D=6.4)	Recommendable replacement Model E52-P[C-N-15(D=6.4)
Explosion-protected class and ignitability	d2G4 (Construction standard)	Exd II CT6 (Technological standard)
Terminal temperature	0~70°C	Explosion-protected applicable temperature range: -20 to 85°C Ambient temperature: 50°C max.

* The prescribed rating shall be satisfied by Exd II CT6.

Item	Product discontinuation Model E52-CA[C-7	Recommendable replacement Model E52-CA[C-N-7
Measurement temperature range	0 to 750°C (D=3.2) 0 to 900°C (D=4.8) 0 to 1000°C (D=6.4) 0 to 1050°C (D=8) 0 to 700°C (D=10 SUS304) 0 to 750°C (D=10 SUS316) 0 to 800°C (D=12 SUS304) 0 to 850°C (D=12 SUS316) 0 to 800°C (D=15 SUS304) 0 to 850°C (D=15 SUS316) 0 to 850°C (D=22 SUS304) 0 to 900°C (D=22 SUS316)	0 to 750°C (D=3.2) 0 to 800°C (D=4.8) 0 to 800°C (D=6.4) 0 to 900°C (D=8) 0 to 650°C (D=10 SUS304) 0 to 650°C (D=10 SUS316) 0 to 850°C (D=12 SUS304) 0 to 850°C (D=12 SUS316) 0 to 850°C (D=15 SUS304) 0 to 850°C (D=15 SUS316) 0 to 900°C (D=22 SUS304) 0 to 900°C (D=22 SUS316)

Item	Product discontinuation Model E52-IC[C-7	Recommendable replacement Model E52-IC[C-N-7
Measurement temperature range	0 to 450°C (D=10 SUS316) 0 to 500°C (D=12 SUS316) 0 to 550°C (D=15 SUS316) 0 to 600°C (D=22 SUS316)	0 to 400°C (D=10 SUS316) 0 to 500°C (D=12 SUS316) 0 to 500°C (D=15 SUS316) 0 to 600°C (D=22 SUS316)

Item	Product discontinuation Model E52-CA[C-19	Recommendable replacement Model E52-CA[C-N-19
Measurement temperature range	0 to 650°C (D=8) 0 to 700°C (D=10 SUS304) 0 to 750°C (D=10 SUS316) 0 to 800°C (D=12 SUS304) 0 to 850°C (D=12 SUS316) 0 to 800°C (D=15 SUS304) 0 to 850°C (D=15 SUS316) 0 to 850°C (D=22 SUS304) 0 to 900°C (D=22 SUS316)	0 to 900°C (D=8) 0 to 750°C (D=10 SUS304) 0 to 750°C (D=10 SUS316) 0 to 850°C (D=12 SUS304) 0 to 850°C (D=12 SUS316) 0 to 900°C (D=15 SUS304) 0 to 900°C (D=15 SUS316) 0 to 900°C (D=22 SUS304) 0 to 900°C (D=22 SUS316)

Item	Product discontinuation Model E52-IC[C]-19	Recommendable replacement Model E52-IC[C]-N-19
Measurement temperature range	0 to 650°C (D=8) 0 to 700°C (D=10 SUS304) 0 to 750°C (D=10 SUS316) 0 to 800°C (D=12 SUS304) 0 to 850°C (D=12 SUS316) 0 to 800°C (D=15 SUS304) 0 to 850°C (D=15 SUS316) 0 to 850°C (D=22 SUS304) 0 to 900°C (D=22 SUS316)	0 to 750°C (D=8) 0 to 450°C (D=10 SUS304) 0 to 450°C (D=10 SUS316) 0 to 500°C (D=12 SUS304) 0 to 500°C (D=12 SUS316) 0 to 550°C (D=15 SUS304) 0 to 550°C (D=15 SUS316) 0 to 600°C (D=22 SUS304) 0 to 600°C (D=22 SUS316)

Item	Product discontinuation Model E52-P[D]-9	Recommendable replacement Model E52-P[DY]-9
Measurement temperature range	-50 to 180°C	-50 to 250°C

Item	Product discontinuation Model E52-P[F]-9	Recommendable replacement Model E52-P[FY]-9
Measurement temperature range	-50 to 180°C	-50 to 250°C

Item	Product discontinuation Model E52-CA[F]-9, Model E52-IC[F]-9	Recommendable replacement Model E52-CA[F-N]-9, Model E52-IC[F-N]-9
Measurement temperature range	0 to 180°C	0 to 350°C

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