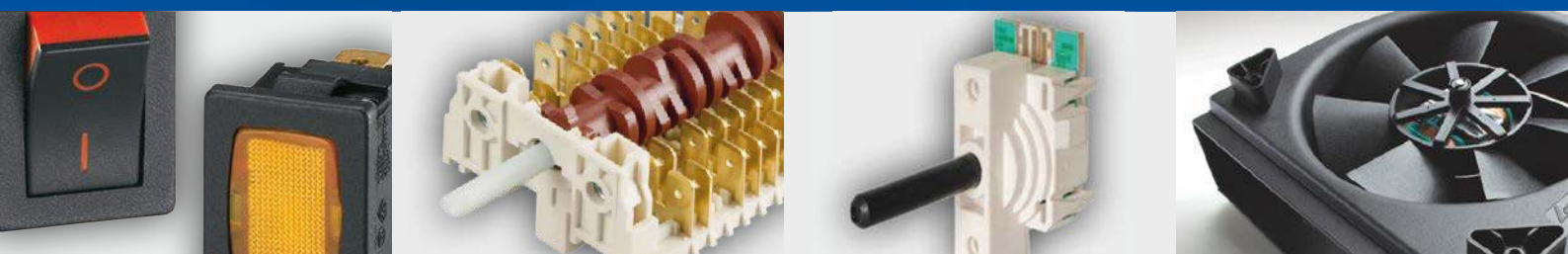


30 **cverel**

THE WORLD IN A CLICK



INDICATOR LIGHTS



Dreefs

 **SIGNAL LUX**

giram

MOLVENO

 **KAUTT & BUX**

Indicator Lights

03



INDICATOR LIGHTS



on demand

S

X

?

?

SERIES

CUT OUT

17



Custom*

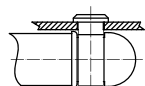


certification not available

21



Custom


5.4 x 9 mm
th 1.5 mm


2.5 x 11.6 mm

FUNCTIONS

- Neon or fluorescent lamp, with or without anti-luminescence resistor
- Incandescent lamp
- LED in AC or DC version

VOLTAGE

From 2 VAC to 400 VAC

MAX TEMPERATURE

From 75 °C to 150 °C

GWT

850 °C

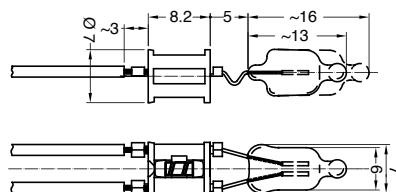
GWT NO FLAME (<2sec)

650 °C

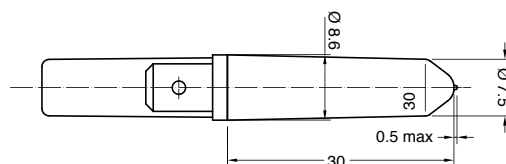
?

DRAWING

1

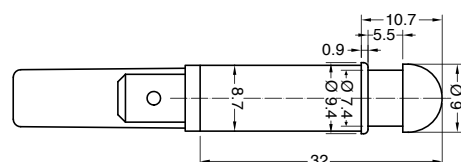


3

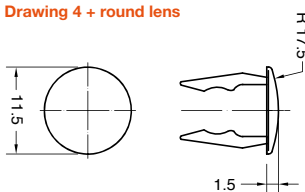


Accessory lenses available separately (pages 172-173)

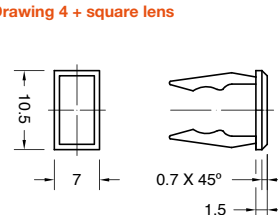
4



P Drawing 4 + round lens



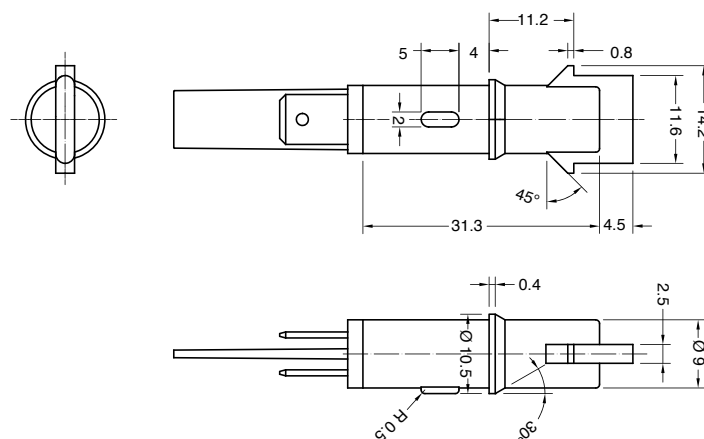
Q Drawing 4 + square lens



Lens available also separately SX21T542...

Lens available also separately SX21T544...

8



S	X	SERIES	DRAWING	TERMINAL	FUNCTION	VOLTAGE	TEMP.	COLOUR	WIRES	0	0
---	---	--------	---------	----------	----------	---------	-------	--------	-------	---	---

?	?	?	?	?	?	?	?	?	?	0	0
---	---	---	---	---	---	---	---	---	---	---	---

TERMINAL

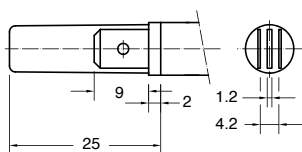
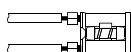
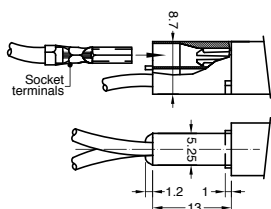
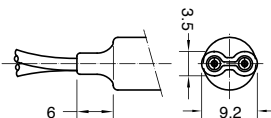
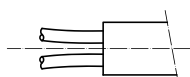
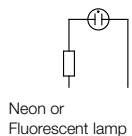
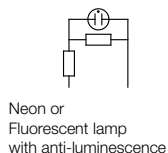
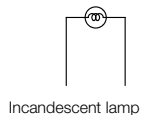
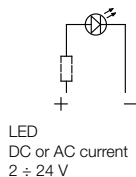
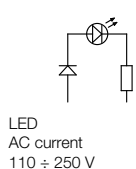
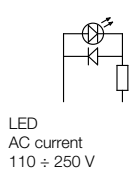
FUNCTION

VOLTAGE

TEMPERATURE

COLOUR

WIRES

1 Series 21
 Tabs 6.3 x 0.8

A Series 17
 Wires

C Series 21
 Signal Click

K Series 21
 Wires crimped

R Series 21
 Wires sealed

1 Series 17 - 21

2 Series 21

3 Series 21

5 Series 21

6 Series 21
 Terminal 1

7 Series 21
 Terminal C - K - R

1 Function 5

2 V

2 Function
 3 - 5

12 V

3 Function
 3 - 5

24 V

4 Function
 1 - 2 - 6 - 7

110 V

5 Function
 1 - 2 - 6 - 7

125 V

6 Function
 1 - 2 - 6 - 7

230 V

7 Function
 1 - 2 - 6 - 7

250 V

8 Function
 1 - 2

400 V

VDE or UL certified

?

Available
on demand* UL certification
not available

X

Custom

A

T 75 °C

1 Function 1-2-3

T 90 °C

2 Function 1 - 2

T 120 °C

3 Function 1 - 2

T 150 °C

SERIES 17
NO LENS

SERIES 21
ILLUMINATED

Drawing P - Q - 8

000 Terminal 1 - 7 - C

Indicator light without wires

??? Terminal A - K - R

Indicator light with wires

Wires Materials:

- PVC (up to T90 °C)
- SILICONE (up to T200 °C)

Wires Lengths:

from 60 mm to 600 mm
(special version available
up to 1.450 mm)

Wires Ends:

- pre-stripped
(from 5.5 to 18 mm)
- stripped (from 5.5 to 18 mm)
- not stripped
- crimp terminals

S X ? ?

SERIES

CUT OUT

?

DRAWING

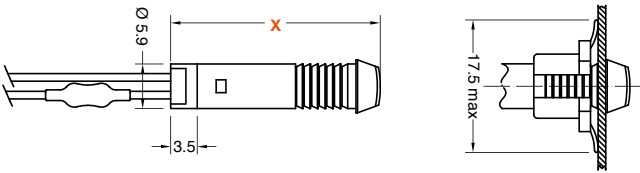
24



○
ø 6 mm
th 0.5 ... 2 mm

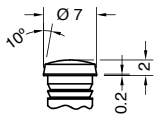
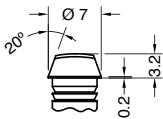


○
ø 6 mm
th 0.5 ... 1 mm

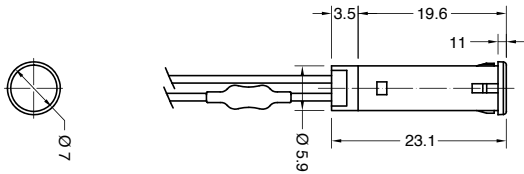


0 X = 24.2 mm

2 X = 23 mm



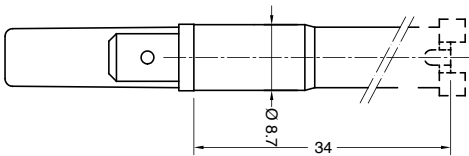
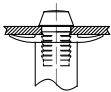
5



27



○
ø 6 mm
th 0.5 ... 3 mm

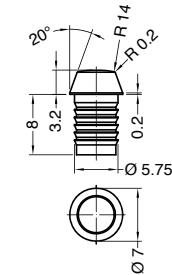
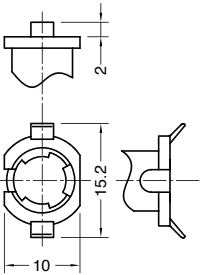


5 No lens 2 clips

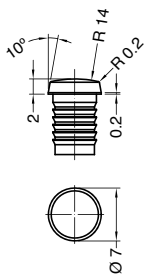
0 Drawing 5 + lens

2 Drawing 5 + lens

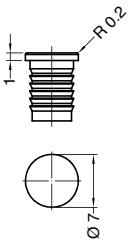
8 Drawing 5 + lens



Lens available also
separately SX27T0...



Lens available also
separately SX27T2...



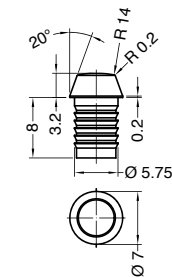
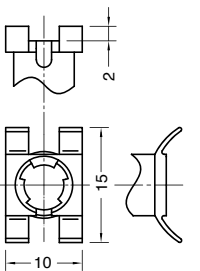
Lens available also
separately SX27T8...

N No lens 4 clips

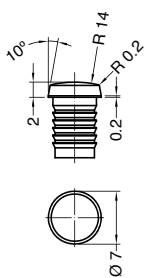
A Drawing N + lens

C Drawing N + lens

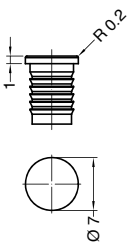
E Drawing N + lens



Lens available also
separately SX27T0...



Lens available also
separately SX27T2...



Lens available also
separately SX27T8...

S	X	SERIES	DRAWING	TERMINAL	FUNCTION	VOLTAGE	TEMP.	COLOUR	WIRES	0	0

?	?	?	?	?	?	?	?	?	?	0	0
---	---	---	---	---	---	---	---	---	---	---	---

TERMINAL

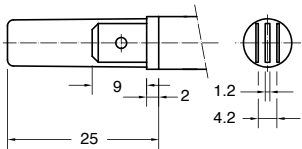
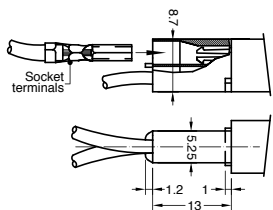
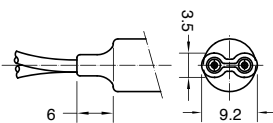
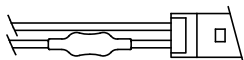
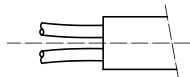
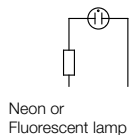
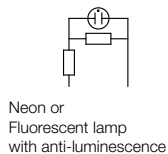
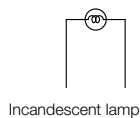
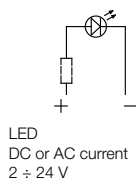
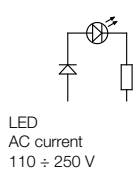
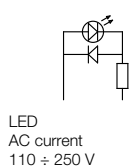
FUNCTION

VOLTAGE

TEMPERATURE

COLOUR

WIRES

1 Series 27
 Tabs 6.3 x 0.8

C Series 27
 Signal Click

K Series 27
 Wires crimped

P Series 24
 Wires locked with plug

R Series 27
 Wires sealed

1 Series 24 - 27

2 Series 27

3 Series 27

5 Series 24 - 27

6 Series 24 - 27
 Terminal 1 - P

7 Series 27
 Terminal C - K - R

1 Function 5

2 V

2 Function
 3 - 5

12 V

3 Function
 3 - 5

24 V

4 Function
 1 - 2 - 6 - 7

110 V

5 Function
 1 - 2 - 6 - 7

125 V

6 Function
 1 - 2 - 6 - 7

230 V

7 Function
 1 - 2 - 6 - 7

250 V

8 Function
 1 - 2

400 V

VDE or UL certified

?
 Available
 on demand

X
 Custom

A

T 75 °C

1 Function 1-2-3

T 90 °C

2 Function 1 - 2

T 120 °C

3 Function 1 - 2

T 150 °C

SERIES 24
ILLUMINATED
G red

H orange

E green

L white

SERIES 27

Drawing 5 - N

NO LENS
0 red light

1 green light

 Drawing
 0 - 2 - 8 - A - C - E

ILLUMINATED
G red

H orange

E green

L white

X ?
 custom

000 Terminal 1 - C

Indicator light without wires

??? Terminal K - P - R

Indicator light with wires

Wires Material:

- PVC (up to T90 °C)
- SILICONE (up to T200 °C)

Wires Length:

 from 60 mm to 600 mm
 (special version available
 up to 1.450 mm)

Wires Ends:

- pre-stripped (from 5.5 to 18 mm)
- stripped (from 5.5 to 18 mm)
- not stripped
- crimp terminals

S X ? ?

SERIES

CUT OUT

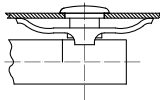
?

DRAWING

27

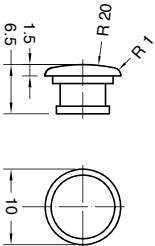
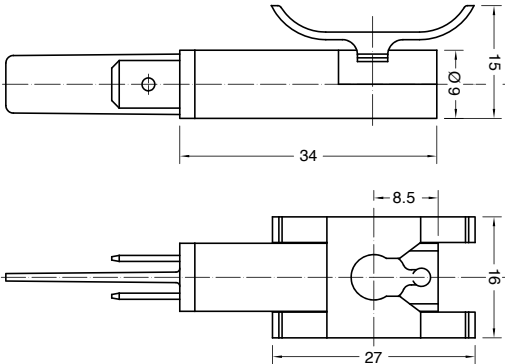


ø 8 mm
th 0.5 ... 2 mm



M No lens

P Drawing M + lens



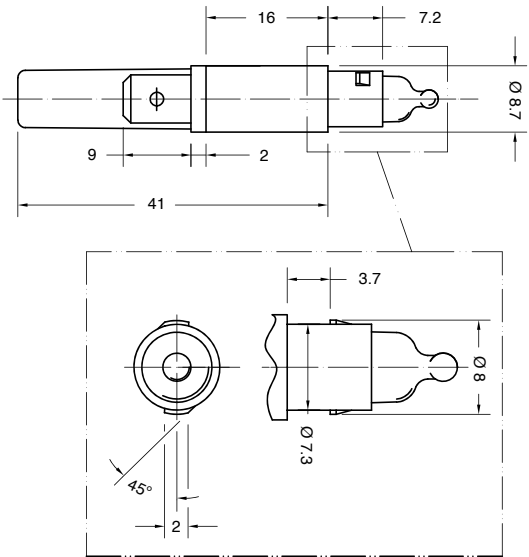
Lens available also separately SX27TP...

28



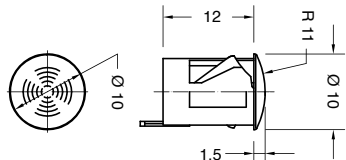
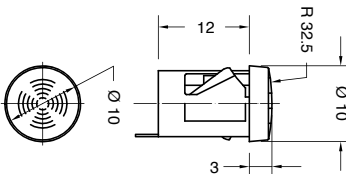
Custom

9 No lens



6 Drawing 9 + lens

F Drawing 9 + lens

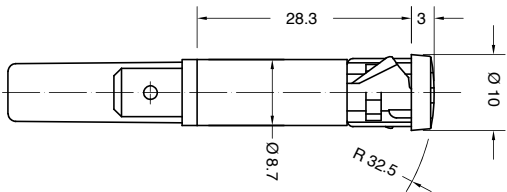


Lens available also separately SX28T6...

Lens available also separately SX28TF...

Further lens shapes available on demand

H One piece



ø 9 mm
th 0.8 ... 2 mm



ø 9 mm
th 0.8 ... 2 mm

S	X	SERIES	DRAWING	TERMINAL	FUNCTION	VOLTAGE	TEMP.	COLOUR	WIRES	0	0

?	?	?	?	?	?	?	?	?	?	?	?
---	---	---	---	---	---	---	---	---	---	---	---

TERMINAL

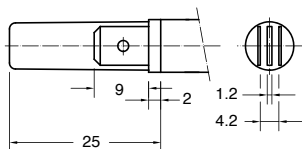
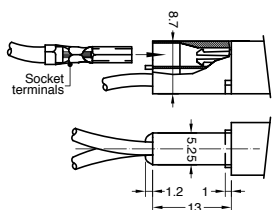
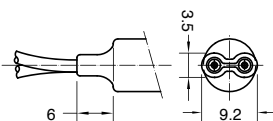
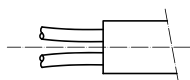
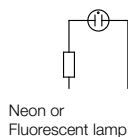
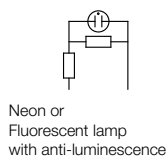
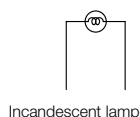
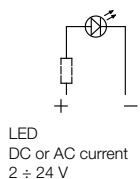
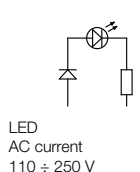
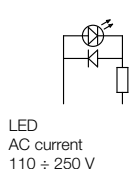
FUNCTION

VOLTAGE

TEMPERATURE

COLOUR

WIRES

1 Series 27 - 28
 Tabs 6.3 x 0.8

C Series 27 - 28
 Signal Click

K Series 28
 Wires crimped

R Series 27 - 28
 Wires sealed

1 Series 27 - 28

2 Series 27 - 28

3 Series 27 - 28

5 Series 27 - 28

6 Series 28
 Terminal 1

7 Series 28
 Terminal C - K - R

1 Function 5

2 V

2 Function
 3 - 5

12 V

3 Function
 3 - 5

24 V

4 Function
 1 - 2 - 6 - 7

110 V

5 Function
 1 - 2 - 6 - 7

125 V

6 Function
 1 - 2 - 6 - 7

230 V

7 Function
 1 - 2 - 6 - 7

250 V

8 Function
 1 - 2

400 V

VDE or UL certified

?

Available
on demand

X

Custom

A

T 75 °C

1 Function 1-2-3

T 90 °C

2 Function 1 - 2

T 120 °C

3 Function 1 - 2

T 150 °C

NO LENS ☀

0

red light

1

green light

ILLUMINATED ☀

G

red

H

orange

E

green

L

white

X

custom

?

000 Terminal 1 - C

Indicator light without wires

??? Terminal K - R

Indicator light with wires

Wires Material:

- PVC (up to T90 °C)
- SILICONE (up to T200 °C)

Wires Length:

 from 60 mm to 600 mm
 (special version available
 up to 1.450 mm)

Wires Ends:

- pre-stripped
(from 5.5 to 18 mm)
- stripped (from 5.5 to 18 mm)
- not stripped
- crimp terminals

S X ? ?

SERIES

CUT OUT

?

DRAWING

31



○
ø 10 mm
th 0.5 ... 9 mm



○
ø 10 mm
th 0.5 ... 9 mm

33



○
ø 10 mm
th 0.8 ... 2 mm



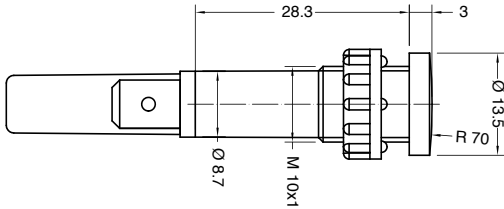
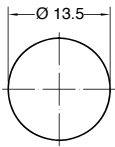
○
ø 10 mm
th 0.8 ... 2 mm



○
ø 10 mm
th 0.8 ... 2 mm

2

Mounted ring

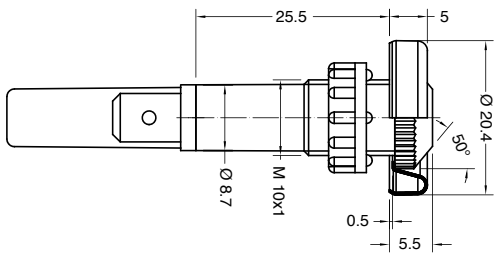
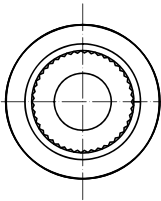


B

Unmounted ring

9

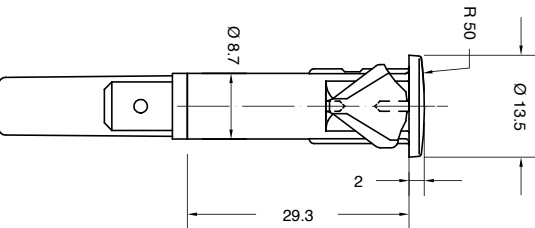
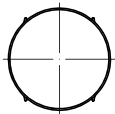
Mounted ring



D

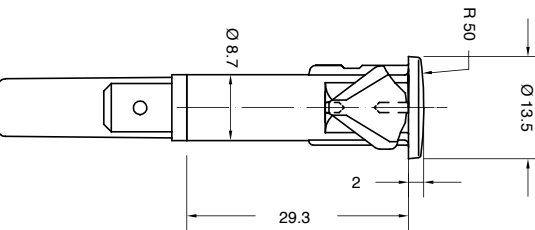
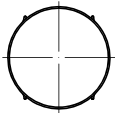
Unmounted ring

2

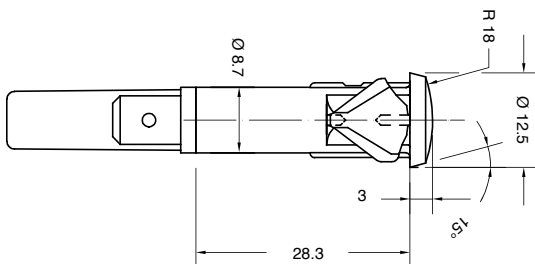
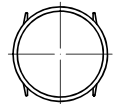


C

With antirotation rib



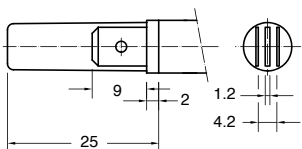
H



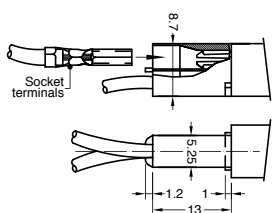
S	X	SERIES	DRAWING	TERMINAL	FUNCTION	VOLTAGE	TEMP.	COLOUR	WIRES	0	0

?	?	?	?	?	?	?	?	?	?	0	0
TERMINAL	FUNCTION	VOLTAGE	TEMPERATURE	COLOUR	WIRES						

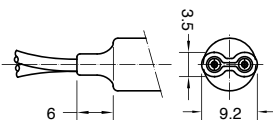
1 Tabs 6.3 x 0.8



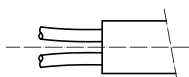
C Signal Click



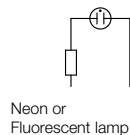
K Wires crimped



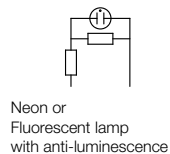
R Wires sealed



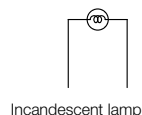
1



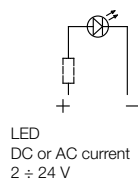
2



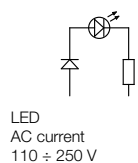
3



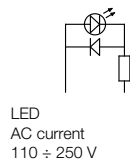
5



6 Terminal 1



7 Terminal C - K - R



1 Function 5

2 V

2 Function 3 - 5

12 V

3 Function 3 - 5

24 V

4 Function 1 - 2 - 6 - 7

110 V

5 Function 1 - 2 - 6 - 7

125 V

6 Function 1 - 2 - 6 - 7

230 V

7 Function 1 - 2 - 6 - 7

250 V

8 Function 1 - 2

400 V

VDE or UL certified

?

Available on demand

X

Custom

A

T 75 °C

1 Function 1 - 2 - 3

T 90 °C

2 Function 1 - 2

T 120 °C

3 Function 1 - 2

T 150 °C

ILLUMINATED ☀



000 Terminal 1 - C

Indicator light without wires

??? Terminal K - R

Indicator light with wires

Wires Material:

- PVC (up to T90 °C)
- SILICONE (up to T200 °C)

Wires Length:

from 60 mm to 600 mm
(special version available up to 1.450 mm)

Wires Ends:

- pre-stripped (from 5.5 to 18 mm)
- stripped (from 5.5 to 18 mm)
- not stripped
- crimp terminals

S X ? ?

SERIES

CUT OUT

DRAWING

41

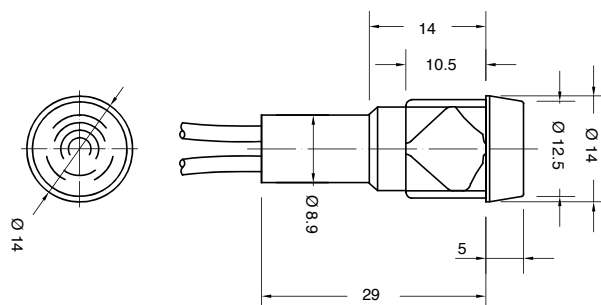


Ø 12 mm
th 0.8 ... 2 mm

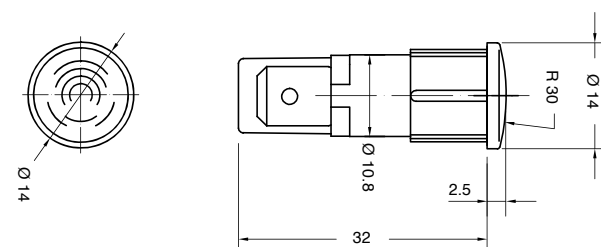


Ø 12 mm
th 0.8 ... 2 mm

1



2

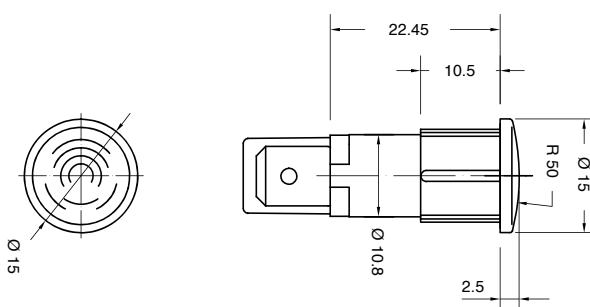


43



Ø 13 mm
th 0.8 ... 2 mm

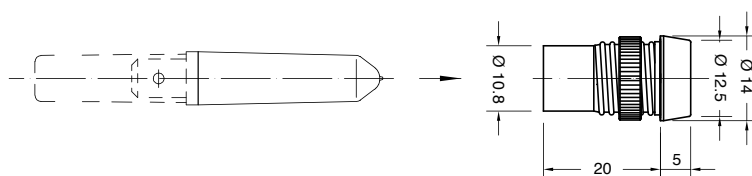
2



ACCESSORY LENSES FOR SERIES SX213...

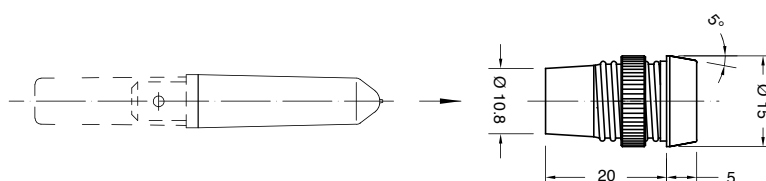
SX21T511...

Ø 12 mm
th 0.8 ... 6.5 mm

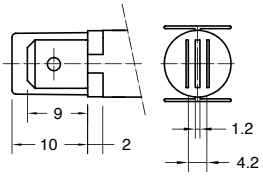


SX21T531...

Ø 13 mm
th 0.8 ... 6.5 mm



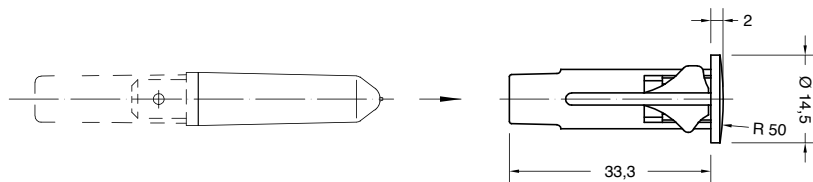
S	X	SERIES	DRAWING	TERMINAL	FUNCTION	VOLTAGE	TEMP.	COLOUR	WIRES	0	0

?	?	?	?	?	?	?	?	?	0	0
TERMINAL	FUNCTION	VOLTAGE	TEMPERATURE	COLOUR	WIRES	Indicator Lights				
1 Series 41 - 43 Tabs 6.3 x 0.8 	1  2  3  5  6 Terminal 1  7 Terminal R 	1 Function 5 2 V 2 Function 3 - 5 12 V 3 Function 3 - 5 24 V 4 Function 1 - 2 - 6 - 7 110 V 5 Function 1 - 2 - 6 - 7 125 V 6 Function 1 - 2 - 6 - 7 230 V 7 Function 1 - 2 - 6 - 7 250 V 8 Function 1 - 2 400 V VDE or UL certified ? Available on demand X Custom	A T 75 °C 1 Function 1-2-3 T 90 °C 2 Function 1 - 2 T 120 °C 3 Function 1 - 2 T 150 °C	ILLUMINATED ✨ G red H orange E green L white X ? custom	000 Terminal 1 - C Indicator light without wires ??? Terminal K - R Indicator light with wires Wires Material: ■ PVC (up to T90 °C) ■ SILICONE (up to T200 °C) Wires Length: from 60 mm to 600 mm (special version available up to 1.450 mm) Wires Ends: ■ pre-stripped (from 5.5 to 18 mm) ■ stripped (from 5.5 to 18 mm) ■ not stripped ■ crimp terminals					

SX21T572...
with antirotation rib

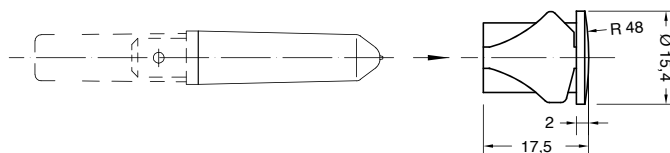
SX21T578...
without antirotation rib


ø 10.2 mm
th 0.8 ... 2 mm



SX21T592...


ø 13 mm
th 0.5 ... 2.5 mm





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