TecnelSystem S.p.A.®

equipaggiamenti elettrici industriali

UNI EN ISO9001:2015
Nr. 9101.TNLS

Series 17

Versatile. Robust and bright.

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17 Information about the Series

Key advantages

- Resistant
- Easy to mount
- Versatile
- Long service life
- Metal or plastic body
- Chrome or black finish

Typical application areas

- Mechanical engineering
- Control cabinets
- Measurement technology
- Medical engineering
- And much more

Functions

- Indicator

Design

- Flush
- Raised

IP front protection

- IP40
- IP67

Raitings

- No switch rating

Mounting cut-outs

- Ø 6 mm
- Ø 8 mm
- Ø 14 mm
- Ø 16,2 mm
- Ø 22,3 mm

Terminal

- Plug-in terminal

Lens Material

- No lens

Markings

- No marking

Approvals

- UL
- VDE

Conformities

- CE
- 2014/35/EU (LVD) for version 230 VAC
- 2011/65/EU (RoHS)

Raised design	
Indicator 6 mm LED 3 mm	348
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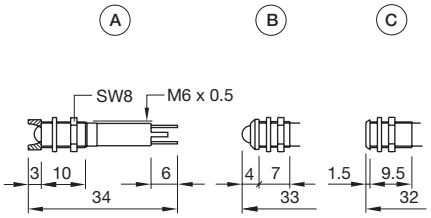
17 Raised design

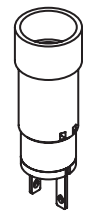
Indicator 6 mm LED 3 mm, IP40

Product can differ from the current configuration.



Dimensions [mm]
A = Interior
B = Exterior
C = Superflat

Equipment consisting of (schematic overview)



Actuator

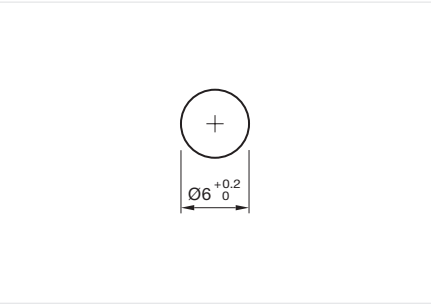
Retaining ring

Fixing nut

Each Part Number listed below includes all the black components shown in the 3D-drawing.

General information

- Connectors: Brass terminal = anode (+); brass tinned terminal = cathode (-)
- Terminal: Plug-in terminal 2.0 mm x 0.5 mm



Mounting cut-outs [mm]

Actuator, Front dimension Ø 7 mm

Reflector	Illumination colour	Operating voltage	Operation current	Lumi. Intensity	Part No.	Wiring diagram	Component Layout
Metal, polished chromium-plated, internal	Red	24 V AC/DC ±10 %	15 mA ±15 %	8 mcd	17-030350	70	
	Green	24 V AC/DC ±10 %	15 mA ±15 %	6 mcd	17-030351	70	
	Yellow	24 V AC/DC ±10 %	15 mA ±15 %	6 mcd	17-030352	70	
	Yellow / Green	24 V AC/DC ±10 %	15 mA ±15 %	30/15 mcd	17-030356	70	10
	Blue	24 V AC/DC ±10 %	15 mA ±15 %	26 mcd	17-030357	70	
	White	24 V AC/DC ±10 %	15 mA ±15 %	410 mcd	17-03035W	70	

Actuator, Front dimension Ø 7 mm

Reflector	Illumination colour	Operating voltage	Operation current	Lumi. Intensity	Part No.	Wiring diagram
Metal, polished chromium-plated, domed	Red	24 V AC/DC ±10 %	15 mA ±15 %	8 mcd	17-020350	70
	Green	24 V AC/DC ±10 %	15 mA ±15 %	6 mcd	17-020351	70
	Yellow	24 V AC/DC ±10 %	15 mA ±15 %	6 mcd	17-020352	70
	White	24 V AC/DC ±10 %	15 mA ±15 %	410 mcd	17-02035W	70

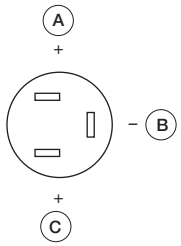
Actuator, Front dimension Ø 7 mm

Reflector	Illumination colour	Operating voltage	Operation current	Lumi. Intensity	Part No.	Wiring diagram
Metal, polished chromium-plated, flat top LED	Red	24 V AC/DC ±10 %	15 mA ±15 %	8 mcd	17-000350	70
	Green	24 V AC/DC ±10 %	15 mA ±15 %	6 mcd	17-000351	70
	Yellow	24 V AC/DC ±10 %	15 mA ±15 %	6 mcd	17-000352	70

Wiring diagrams

Wiring diagram 70

Component layouts

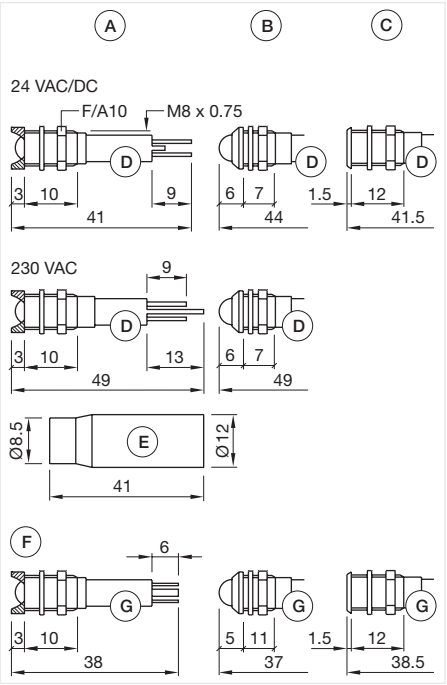


Component layout 10

A = Yellow
B = common cathode
C = Green

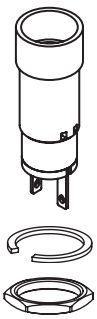
Indicator 8 mm LED 5 mm, IP67

Product can differ from the current configuration.



Dimensions [mm]
A = Interior
B = Exterior
C = Superflat
D = Plug-in terminal 2.8 mm x 0.8 mm
E = Multi-colour
F = Protection tube
G = Plug-in terminal 2.0 mm x 0.5 mm

Equipment consisting of (schematic overview)



Actuator

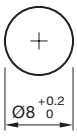
Retaining ring

Fixing nut

Each Part Number listed below includes all the black components shown in the 3D-drawing.

General information

- Connectors: Brass terminal = anode (+); brass tinned terminal = cathode (-)
- Terminal: Plug-in terminal 2.8 mm x 0.8 mm (Single-LED)
- Terminal: Plug-in terminal 2.0 mm x 0.5 mm (Bi-colour LED)



Mounting cut-outs [mm]

Actuator, Front dimension Ø 9,5 mm

Product attributes	Reflector	Illumination colour	Operating voltage	Operation current	Lumi. Intensity	Part No.	Wiring diagram	Component Layout
	Metal, polished chromium-plated, internal	Red	24 V DC ±10 %	20 mA ±15 %	80 mcd	17-050350	70	
	Metal, polished chromium-plated, internal	Red	24 V AC ±10 %	19 mA ±15 %	76 mcd	17-050360	55	
	Metal, polished chromium-plated, internal	Green	24 V DC ±10 %	19 mA ±15 %	32 mcd	17-050351	70	
	Metal, polished chromium-plated, internal	Green	24 V AC ±10 %	20 mA ±15 %	30 mcd	17-050361	55	
	Metal, polished chromium-plated, internal	Yellow	24 V DC ±10 %	20 mA ±15 %	32 mcd	17-050352	70	

Product attributes	Reflector	Illumination colour	Operating voltage	Operation current	Lumi. Intensity	Part No.	Wiring diagram	Component Layout
	Metal, polished chromium-plated, internal	Yellow	24 V AC ±10 %	19 mA ±15 %	30 mcd	17-050362	55	
	Metal, polished chromium-plated, internal	Blue	24 V DC ±10 %	20 mA ±15 %	60 mcd	17-050357	70	
	Metal, polished chromium-plated, internal	Blue	24 V AC ±10 %	20 mA ±15 %	57 mcd	17-050367	55	
	Metal, polished chromium-plated, internal	Red / Green	24 V DC ±10 %	22 mA ±15 %	30/11 mcd	17-130354	128	8
Sunlight visibility, light reduction of around 25 % by use of AC	Metal, polished chromium-plated, internal	Red	24 - 17 V AC/DC ±10 %	9 mA ±15 %	1200 mcd	17-090350	55	
	Metal, polished chromium-plated, internal	Yellow	24 - 17 V AC/DC ±10 %	9 mA ±15 %	1100 mcd	17-090352	55	
	Metal, polished chromium-plated, internal	Green	24 - 17 V AC/DC ±10 %	9 mA ±15 %	1300 mcd	17-090355	55	
	Metal, polished chromium-plated, internal	Blue	24 - 17 V AC/DC ±10 %	9 mA ±15 %	600 mcd	17-090357	55	
	Metal, polished chromium-plated, internal	White	24 - 17 V AC/DC ±10 %	9 mA ±15 %	1000 mcd	17-09035W	55	
With terminals protection tube	Metal, polished chromium-plated, internal	Red	230 V AC ±10 %	3 mA ±15 %	22 mcd	17-500430	55	
	Metal, polished chromium-plated, internal	Green	230 V AC ±10 %	3 mA ±15 %	5 mcd	17-500431	55	
	Metal, polished chromium-plated, internal	Yellow	230 V AC ±10 %	3 mA ±15 %	7 mcd	17-500432	55	
	Metal, black chromium-plated, internal	Red	24 V AC/DC ±10 %	20 mA ±15 %	80 mcd	17-051350	70	
	Metal, black chromium-plated, internal	Green	24 V AC/DC ±10 %	20 mA ±15 %	32 mcd	17-051351	70	
	Metal, black chromium-plated, internal	Yellow	24 V AC/DC ±10 %	20 mA ±15 %	32 mcd	17-051352	70	
	Metal, black chromium-plated, internal	Blue	24 V AC/DC ±10 %	20 mA ±15 %	60 mcd	17-051357	70	

Actuator, Front dimension Ø 9,5 mm

Product attributes	Reflector	Illumination colour	Operating voltage	Operation current	Lumi. Intensity	Part No.	Wiring diagram	Component Layout
	Metal, polished chromium-plated, domed	Red	24 V DC	20 mA ±15 %	80 mcd	17-040350	70	
	Metal, polished chromium-plated, domed	Red	24 V AC	19 mA ±15 %	76 mcd	17-040360	55	
	Metal, polished chromium-plated, domed	Green	24 V DC	20 mA ±15 %	32 mcd	17-040351	70	
	Metal, polished chromium-plated, domed	Green	24 V AC	19 mA ±15 %	30 mcd	17-040361	55	
	Metal, polished chromium-plated, domed	Yellow	24 V DC	20 mA ±15 %	32 mcd	17-040352	70	
	Metal, polished chromium-plated, domed	Yellow	24 V AC	19 mA ±15 %	30 mcd	17-040362	55	
	Metal, polished chromium-plated, domed	Blue	24 V DC	20 mA ±15 %	60 mcd	17-040357	70	
	Metal, polished chromium-plated, domed	Blue	24 V AC	19 mA ±15 %	57 mcd	17-040367	55	
	Metal, polished chromium-plated, domed	Red / Green	24 V DC	22 mA ±15 %	30/11 mcd	17-120354	128	8
	Metal, polished chromium-plated, domed	Red / Yellow	24 V DC	22 mA ±15 %	11/10 mcd	17-120355	128	9
	Metal, polished chromium-plated, domed	Yellow / Green	24 V DC	22 mA ±15 %	20/15 mcd	17-120356	128	10

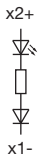
17 Raised design

Product attributes	Reflector	Illumination colour	Operating voltage	Operation current	Lumi. Intensity	Part No.	Wiring diagram
Sunlight visibility	Metal, polished chromium-plated, domed	Red	24 V AC/DC ±10 %	9 - 17 mA ±15 %	1200 mcd	17-080350	55
	Metal, polished chromium-plated, domed	Yellow	24 V AC/DC ±10 %	9 - 17 mA ±15 %	1100 mcd	17-080352	55
	Metal, polished chromium-plated, domed	Green	24 V AC/DC ±10 %	9 - 17 mA ±15 %	1300 mcd	17-080355	55
	Metal, polished chromium-plated, domed	Blue	24 V AC/DC ±10 %	9 - 17 mA ±15 %	600 mcd	17-080357	55
	Metal, polished chromium-plated, domed	White	24 V AC/DC ±10 %	3 - 6 mA ±15 %	1000 mcd	17-08035W	55
With terminals protection tube	Metal, polished chromium-plated, domed	Red	230 V AC ±10 %	3 mA ±15 %	22 mcd	17-510430	55
	Metal, polished chromium-plated, domed	Green	230 V AC ±10 %	3 mA ±15 %	5 mcd	17-510431	55
	Metal, polished chromium-plated, domed	Yellow	230 V AC ±10 %	3 mA ±15 %	7 mcd	17-510432	55
	Metal, black chromium-plated, domed	Red	24 V AC ±10 %	20 mA ±15 %	80 mcd	17-041350	70
	Metal, black chromium-plated, domed	Green	24 V AC ±10 %	20 mA ±15 %	32 mcd	17-041351	70
	Metal, black chromium-plated, domed	Yellow	24 V AC ±10 %	20 mA ±15 %	32 mcd	17-041352	70
	Metal, black chromium-plated, domed	Blue	24 V AC ±10 %	20 mA ±15 %	60 mcd	17-041357	70

Actuator, Front dimension Ø 9,5 mm

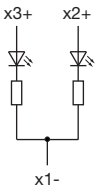
Reflector	Illumination colour	Operating voltage	Operation current	Lumi. Intensity	Part No.	Wiring diagram	Component Layout
Metal, polished chromium-plated, flat top LED	Red	24 V AC ±10 %	20 mA ±15 %	13 mcd	17-010350	70	
	Green	24 V AC ±10 %	20 mA ±15 %	8 mcd	17-010351	70	
	Yellow	24 V AC ±10 %	20 mA ±15 %	8 mcd	17-010352	70	
	Red / Yellow / Green	24 V AC ±10 %	15 mA ±15 %	3/3/6 mcd	17-100354	128	8

Wiring diagrams



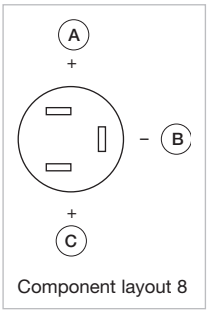
Wiring diagram 55

Wiring diagram 70



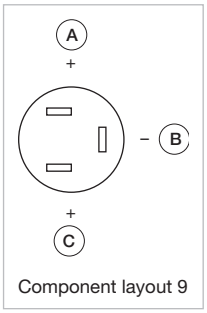
Wiring diagram 128

Component layouts



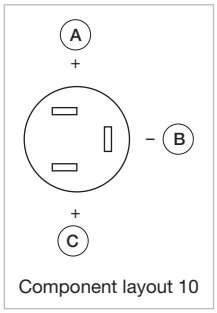
Component layout 8

A = Red
B = common cathode
C = Green



Component layout 9

A = Red
B = common cathode
C = Yellow



Component layout 10

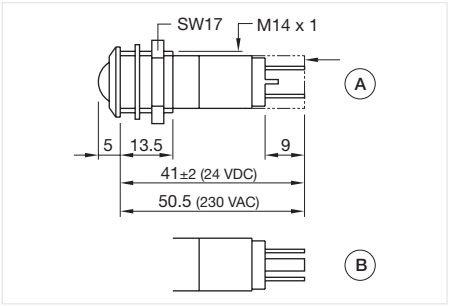
A = Yellow
B = common cathode
C = Green

eao

Your Expert Partner for **Human Machine Interfaces**

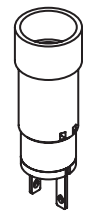
Indicator 14 mm LED 10 mm, IP67

Product can differ from the current configuration.



Dimensions [mm]
A = Protection tube (only 230 VAC)
B = Tri-colour

Equipment consisting of (schematic overview)



Actuator

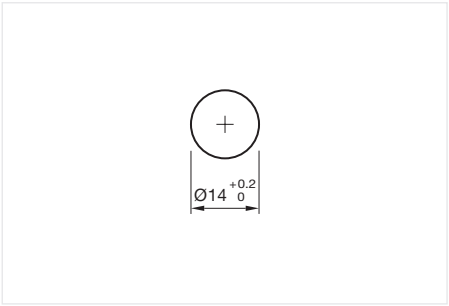
Retaining ring

Fixing nut

Each Part Number listed below includes all the black components shown in the 3D-drawing.

General information

- Connectors: Brass terminal = anode (+); brass tinned terminal = cathode (-)
- Terminal: Plug-in terminal 2.8 mm x 0.8 mm



Mounting cut-outs [mm]

Actuator, Front dimension Ø 16 mm

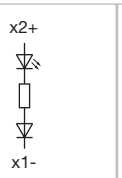
Product attributes	Reflector	Illumination colour	Operating voltage	Operation current	Lumi. Intensity	Part No.	Wiring diagram	Component Layout
	Metal, polished chromium-plated	Red	24 V DC ±10 %	20 mA ±15 %	150 mcd	17-210350	70	
	Metal, polished chromium-plated	Green	24 V DC ±10 %	20 mA ±15 %	70 mcd	17-210351	70	
	Metal, polished chromium-plated	Yellow	24 V DC ±10 %	20 mA ±15 %	70 mcd	17-210352	70	
	Metal, black chromium-plated	Red	24 V DC ±10 %	20 mA ±15 %	150 mcd	17-211350	70	
	Metal, black chromium-plated	Green	24 V DC ±10 %	9 - 17 mA ±15 %	70 mcd	17-211351	70	
	Metal, black chromium-plated	Yellow	24 V DC ±10 %	9 - 17 mA ±15 %	70 mcd	17-211352	70	
Flashing	Metal, polished chromium-plated	Red	24 V DC ±10 %	9 - 17 mA ±15 %	100 mcd	17-220350	129	
	Metal, polished chromium-plated	Green	24 V DC ±10 %	9 - 17 mA ±15 %	70 mcd	17-220351	129	
	Metal, polished chromium-plated	Yellow	24 V DC ±10 %	9 - 17 mA ±15 %	70 mcd	17-220352	129	
	Metal, black chromium-plated	Red	24 V DC ±10 %	9 - 17 mA ±15 %	100 mcd	17-221350	129	
	Metal, black chromium-plated	Green	24 V DC ±10 %	9 - 17 mA ±15 %	70 mcd	17-221351	129	
	Metal, black chromium-plated	Yellow	24 V DC ±10 %	9 - 17 mA ±15 %	70 mcd	17-221352	129	
Tri-colour LED	Metal, polished chromium-plated	Red / Yellow / Green	24 V DC ±10 %	9 - 17 mA ±15 %	90/60/150 mcd	17-240354	128	8
Sunlight visibility	Metal, polished chromium-plated	Red	24 V AC/DC	9 - 17 mA ±15 %	700 mcd	17-2A0350	55	
	Metal, polished chromium-plated	Yellow	24 V AC/DC	9 - 17 mA ±15 %	1000 mcd	17-2A0352	55	
	Metal, polished chromium-plated	Green	24 V AC/DC	9 - 17 mA ±15 %	1250 mcd	17-2A0355	55	
	Metal, polished chromium-plated	Blue	24 V AC/DC	9 - 17 mA ±15 %	500 mcd	17-2A0357	55	

Product attributes	Reflector	Illumination colour	Operating voltage	Operation current	Lumi. Intensity	Part No.	Wiring diagram
Sunlight visibility	Metal, polished chromium-plated	White	24 V AC/DC	9 - 17 mA ±15 %	1350 mcd	17-2A035W	55

Actuator, Front dimension Ø 16 mm

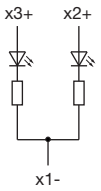
Product attributes	Reflector	Illumination colour	Operating voltage	Operation current	Lumi. Intensity	Part No.	Wiring diagram
With terminals protection tube	Metal, polished chromium-plated	Red	230 V AC	3 mA ±15 %	18 mcd	17-350230	55
	Metal, polished chromium-plated	Green	230 V AC	3 mA ±15 %	11 mcd	17-350231	55
	Metal, polished chromium-plated	Yellow	230 V AC	3 mA ±15 %	8 mcd	17-350233	55
	Metal, black chromium-plated	Red	230 V AC	3 mA ±15 %	18 mcd	17-351230	55
	Metal, black chromium-plated	Green	230 V AC	3 mA ±15 %	11 mcd	17-351231	55
	Metal, black chromium-plated	Yellow	230 V AC	3 mA ±15 %	8 mcd	17-351233	55

Wiring diagrams

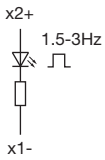


Wiring diagram 55

Wiring diagram 70

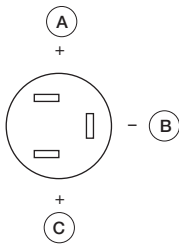


Wiring diagram 128



Wiring diagram 129

Component layouts



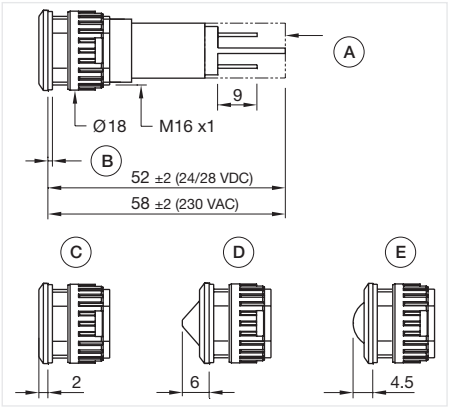
Component layout 8

A = Red
B = common cathode
C = Green

17 Raised design

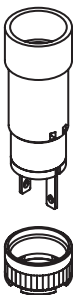
Indicator 16 mm LED 10 mm, IP67

Product can differ from the current configuration.



Dimensions [mm]
A = Protection tube (only 230 VAC)
B = 1 gasket
C = Flat
D = Conical
E = Round

Equipment consisting of (schematic overview)



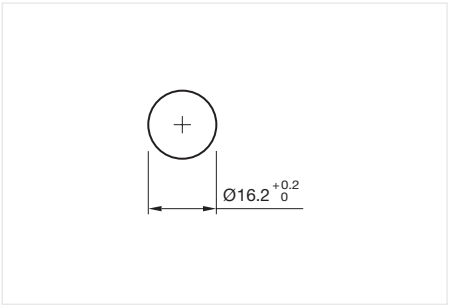
Actuator

Fixing nut

Each Part Number listed below includes all the black components shown in the 3D-drawing.

General information

- Maximum panel thickness 6 mm
- Connectors: Brass terminal = anode (+); brass tinned terminal = cathode (-)
- Terminal: Plug-in terminal 2.8 mm x 0.8 mm



Mounting cut-outs [mm]

Actuator, Front dimension Ø 18,3 mm

Product attributes	Reflector	Illumination colour	Operating voltage	Operation current	Lumi. Intensity	Part No.	Wiring diagram
	Plastic, Black	Red	24 V DC ±10 %	16 mA ±15 %	870 mcd	17-381350Z	70
	Plastic, Black	Green	24 V DC ±10 %	15 mA ±15 %	870 mcd	17-381351Z	70
	Plastic, Black	Yellow	24 V DC ±10 %	16 mA ±15 %	1250 mcd	17-381352Z	70
	Plastic, Black	Ultra green	24 V DC ±10 %	14 mA ±15 %	4130 mcd	17-381355Z	70
	Plastic, Black	Blue	24 V DC ±10 %	14 mA ±15 %	740 mcd	17-381357Z	70
	Plastic, Black	White	24 V DC ±10 %	14 mA ±15 %	1290 mcd	17-38135WZ	70
With terminals protection tube	Plastic, Black	Red	230 V AC ±10 %	3 mA ±15 %	140 mcd	17-411230Z	55
	Plastic, Black	Green	230 V AC ±10 %	3 mA ±15 %	120 mcd	17-411231Z	55
	Plastic, Black	Yellow	230 V AC ±10 %	3 mA ±15 %	130 mcd	17-411232Z	55
	Plastic, Black	Ultra green	230 V AC/DC ±10 %	3 mA ±15 %	970 mcd	17-411235Z	55
	Plastic, Black	Blue	230 V AC ±10 %	3 mA ±15 %	150 mcd	17-411237Z	55
	Plastic, Black	White	230 V AC ±10 %	3 mA ±15 %	280 mcd	17-41123WZ	55

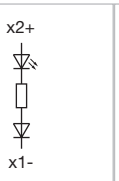
Actuator, Front dimension Ø 18,3 mm

Product attributes	Reflector	Illumination colour	Operating voltage	Operation current	Lumi. Intensity	Part No.	Wiring diagram
	Plastic, Black	Red	24 V DC ±10 %	16 mA ±15 %	1470 mcd	17-391350Z	70
	Plastic, Black	Green	24 V DC ±10 %	16 mA ±15 %	820 mcd	17-391351Z	70
	Plastic, Black	Yellow	24 V DC ±10 %	3 mA ±15 %	1640 mcd	17-391352Z	70
	Plastic, Black	Ultra green	24 V DC ±10 %	3 mA ±15 %	5030 mcd	17-391355Z	70
	Plastic, Black	Blue	24 V DC ±10 %	3 mA ±15 %	860 mcd	17-391357Z	70
	Plastic, Black	White	24 V DC ±10 %	3 mA ±15 %	2760 mcd	17-39135WZ	70
With terminals protection tube	Plastic, Black	Red	230 V AC ±10 %	3 mA ±15 %	240 mcd	17-421230Z	55
	Plastic, Black	Green	230 V AC ±10 %	3 mA ±15 %	120 mcd	17-421231Z	55
	Plastic, Black	Yellow	230 V AC ±10 %	3 mA ±15 %	190 mcd	17-421232Z	55
	Plastic, Black	Ultra green	230 V AC ±10 %	3 mA ±15 %	1280 mcd	17-421235Z	55
	Plastic, Black	Blue	230 V AC ±10 %	3 mA ±15 %	200 mcd	17-421237Z	55
	Plastic, Black	White	230 V AC ±10 %	3 mA ±15 %	500 mcd	17-42123WZ	55

Actuator, Front dimension Ø 18,3 mm

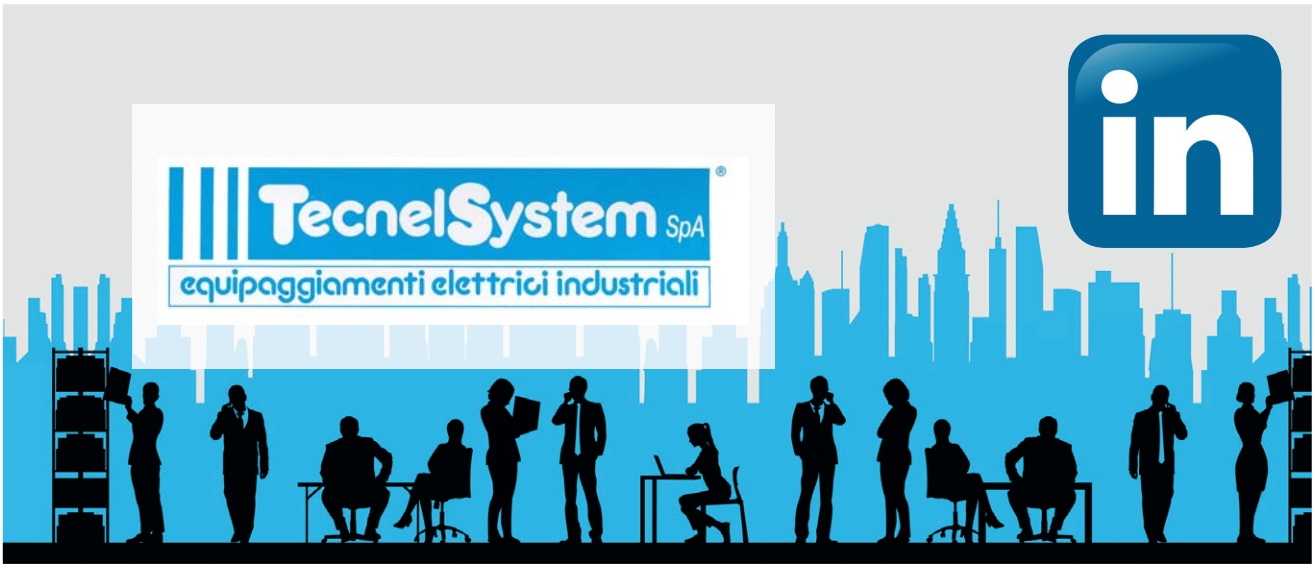
Product attributes	Reflector	Illumination colour	Operating voltage	Operation current	Lumi. Intensity	Part No.	Wiring diagram
	Plastic, Black	Red	24 V DC ±10 %	16 mA ±15 %	1200 mcd	17-371350Z	70
	Plastic, Black	Green	24 V DC ±10 %	15 mA ±15 %	980 mcd	17-371351Z	70
	Plastic, Black	Yellow	24 V DC ±10 %	16 mA ±15 %	1650 mcd	17-371352Z	70
	Plastic, Black	Ultra green	24 V DC ±10 %	14 mA ±15 %	5440 mcd	17-371355Z	70
	Plastic, Black	White	24 V DC ±10 %	14 mA ±15 %	2460 mcd	17-37135WZ	70
With terminals protection tube	Plastic, Black	Red	230 V AC ±10 %	3 mA ±15 %	240 mcd	17-401230Z	55
	Plastic, Black	Green	230 V AC ±10 %	3 mA ±15 %	150 mcd	17-401231Z	55
	Plastic, Black	Yellow	230 V AC ±10 %	3 mA ±15 %	210 mcd	17-401232Z	55
	Plastic, Black	Ultra green	230 V AC ±10 %	3 mA ±15 %	1560 mcd	17-401235Z	55
	Plastic, Black	Blue	230 V AC ±10 %	3 mA ±15 %	200 mcd	17-401237Z	55
	Plastic, Black	White	230 V AC ±10 %	3 mA ±15 %	350 mcd	17-40123WZ	55

Wiring diagrams



Wiring diagram 55

Wiring diagram 70



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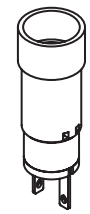
Indicator 6 mm LED 3 mm, IP67

Equipment consisting of (schematic overview)

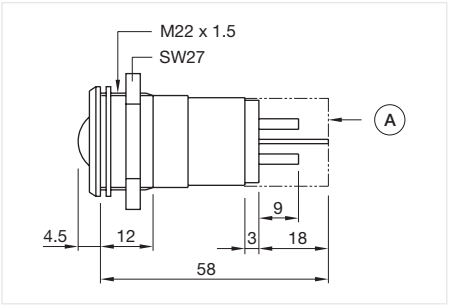


Actuator

Retaining ring

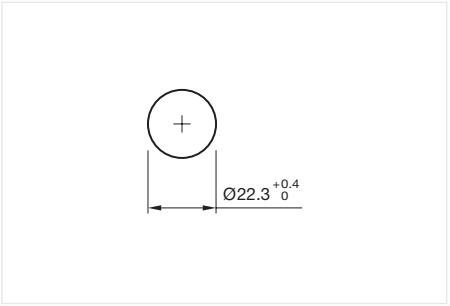
Fixing nut

Each Part Number listed below includes all the black components shown in the 3D-drawing.



Dimensions [mm]
A = Protection tube

Product can differ from the current configuration.



Mounting cut-outs [mm]

General information

- Maximum panel thickness 6 mm
- Connectors: Brass terminal = anode (+); brass tinned terminal = cathode (-)
- Terminal: Plug-in terminal 2.8 mm x 0.8 mm

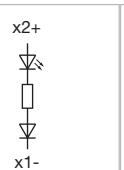
Actuator, Front dimension Ø 25 mm

Reflector	Illumination colour	Operating voltage	Operation current	Lumi. Intensity	Part No.	Wiring diagram	Component Layout
Metal, polished chromium-plated	Red	24 V DC ±10 %	19 mA ±15 %	160 mcd	17-530350	70	11
	Green	24 V DC ±10 %	19 mA ±15 %	120 mcd	17-530351	70	11
	Yellow	24 V DC ±10 %	19 mA ±15 %	350 mcd	17-530352	70	11
	Red / Yellow / Green	24 V DC ±10 %	24 - 50 mA ±15 %	51/92/120 mcd	17-540354	128	12

Actuator, Front dimension Ø 25 mm

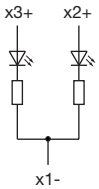
Product attributes	Reflector	Illumination colour	Operating voltage	Operation current	Lumi. Intensity	Part No.	Wiring diagram	Component Layout
With terminals protection tube	Metal, polished chromium-plated	Green	230 V AC ±10 %	4 mA ±15 %	20 mcd	17-570231	55	11
	Metal, polished chromium-plated	Yellow	230 V AC ±10 %	4 mA ±15 %	48 mcd	17-570232	55	11

Wiring diagrams



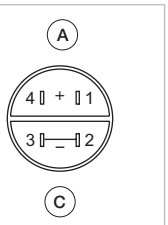
Wiring diagram 55

Wiring diagram 70



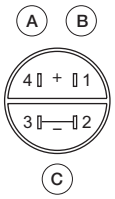
Wiring diagram 128

Component layouts



Component layout 11

A = Anode
B = Cathode



Component layout 12

A = Green
B = Red
C = common cathode

Rear side

Insulation sleeve

Product attributes	Material	Part No.
2.0 x 0.5 mm plug-in terminal	metal	31-945
2.8 x 0.8 mm plug-in terminal	metal	84-9420

Terminal cover

Product attributes	Material	Part No.
For flat receptacle 2.0 mm	plastic	31-928
For flat receptacle 2.8 mm	plastic	31-929

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Mounting

Fixing nut

Dimensions	Material	Thread	Part No.
Ø 9 mm	metal	M8 x 13 mm	19-991

Mounting tool

Product attributes	Dimensions	Material	Part No.
For tightening or loosening of the fixing nut Ø 16 mm	Ø 16 mm	metal	01-907
For fixing nut long Part No. 19-991		metal	19-905

Indicator

Material

Actuator
Reflector Brass high-gloss chrome-plated or black chrome-plated Ø16 mm indicator. Additional reflectors made of black plastic. The plastic is limited resistant to chemicals.

Mechanical characteristics

Terminals
Plug-in terminal 2.0 mm x 0.5 mm oder 2.8 mm x 0.8 mm.
The indicators with tab-connection are not qualified for soldering.

Tightening torque
0.2 Ncm

Electrical characteristics

Polarity
Anode (+) Brass plug-in connector
Cathode (-) Brass tinned plug-in connector

Optical characteristics

Wave length

Red	660 nm
Super red	625 nm
Hyper red	660 nm
Orange	625 nm (operated at 230 V: 610 nm)
Green	565 nm
Yellow / Green	570 nm (operated at 230 V: 575 nm)
Yellow	590 nm
Blue	475 nm
Red / Green	660 / 565 nm
Red / Yellow	660 / 590 nm

Ambient conditions

Storage temperature
–25 °C … +80 °C

Service temperature
–20 °C … +60 °C

Protection degree
IP40 front side
IP67 as per DIN EN 60529 - Gap between LED and reflector and gap between reflector and frontplate sealed to IP67 when using the supplied gasket.

Approvals

Approbations
UL

Conformities
2014 / 35 / EC (230 VAC)
2011 / 65 / EC (RoHS)

EAO reserves the right to alter specifications without further notice.

TecnelSystem S.p.A.

equipaggiamenti elettrici industriali

UNI EN ISO9001:2015
Nr. 9101.TNLS

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