

LAMPHOLDER FOR INCANDESCENT HALOGEN LAMPS

P54

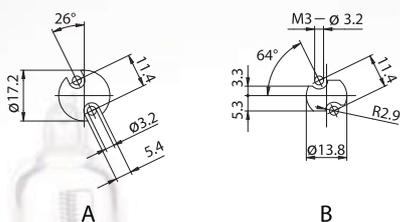


Current carrying capacity of cables:

- 6A for cables section 0,50 mm² or 20 AWG
- 8A for cables section 0,75 mm² or 18 AWG
- 10A for cables section 1,50 mm²



- Steatite body.
Double contacts in special alloy.
Pressure springs in normalized stainless steel.
- Weight of the lampholder in standard execution (with cables L = 15 cm): 5 g.
- Indications to fix the lampholder on structures.



A - Front fixing B - Back fixing

- Eventual fixing of the lampholder by holes diameter 3,2 mm with center distance 11,4 mm (if M3 screws are used, the head-diameter should be less than 5,5 mm).

Lampholder:

G24 - G6.35 - GY6.35 *

Rated current: **8 A**
 Rated voltage: **24 V**
 Working temperature: **T 250°C**
 Connected cables working temperature: **T 105°÷ 250°C**
 In conformity to the standards: **UL 496**

Approval marks: **UR**

Single-conductor flexible connecting cables crimped to the lampholder:

Insulation	T in °C	Conduct.	Available voltage and AWG		
			300V	600V	18AWG
Silicone Single insulation	200	CuSn		•	•
Silicone+glass-braid Single insulation	200	CuSn		•	•
FEP Single insulation	200	CuNi	•	•	•
PTFE Single insulation	250	CuNi	•	•	•



FOR VERY LOW TENSION 12 - 24V

P54

1988



Lampholder: GZ4 - G6.35 - GY6.35 ★

Rated voltage: 24 V
 Rated current: 10 A
 Working temperature: T 350°C

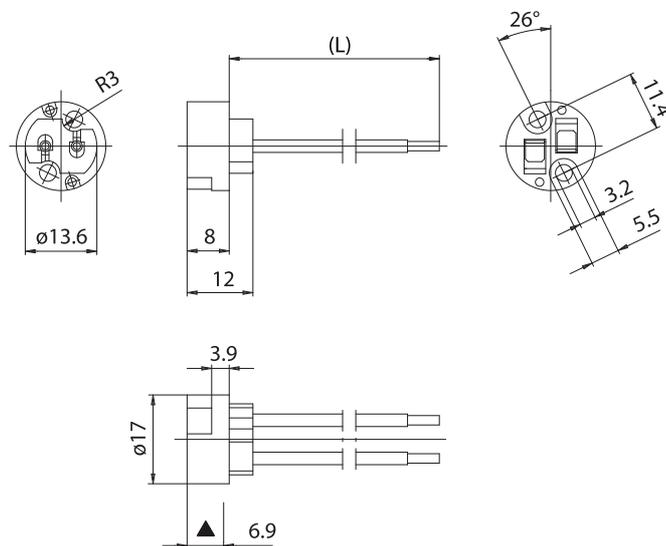
Connected cables working temperature: T 90°÷ 250°C
 Protection grade: IP00
 In conformity to the standards: EN 60838-1

Approval marks: **ENEC 03**
CQC



Single-conductor flexible connecting cables crimped to the lampholder:

Insulation	T in °C	Conduct.	Available sections in mm ²			
			0,50	0,75	1,00	1,50
Silicone Single insulation	180	CuSn	•	•	•	•
Silicone+glass-braid Single insulation	180	CuSn	•	•	•	•
FEP Single insulation	180	CuSn	•	•	•	•
PTFE Single insulation	180	CuSn	•	•	•	•
PTFE Single insulation	250	CuNi	•	•	•	•
PFA Single insulation	260	CuNi	•	•	•	•



★ **Article P54 may be used also for lamps with base G4, GX5.3 (GU5.3).**

This use can not be ENEC certified because the prescriptions regarding the dimensions to insert the lamp contacts in the lampholder are:

*for G4 base maximum 7,4 mm
 (Standard EN 60061-2, data sheet 7005-72-1);
 for GX5.3 base minimum 6,78 mm
 (Standard EN 60061-2, data sheet 7005-73A-3).*

▲ Lamp contacts reference plane



LAMPHOLDER FOR INCANDESCENT HALOGEN LAMPS

P54M



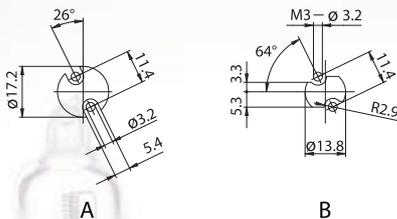
Current carrying capacity of cables:

- 6A for cables section 0,50 mm² or 20 AWG
- 8A for cables section 0,75 mm² or 18 AWG
- 10A for cables section 1,50 mm²



- Steatite body.
Double contacts in special alloy.
Pressure springs in normalized stainless steel.
Micarta protection plate.
- Weight of the lampholder in standard execution (with cables L = 15 cm): 5 g.

- Indications to fix the lampholder on structures.



A - Front fixing B - Back fixing

- Eventual fixing of the lampholder by holes diameter 3,2 mm with center distance 11,4 mm (if M3 screws are used, the head-diameter should be less than 5,5 mm).

Lampholder:	GZ4 - GX5.3 G6.35 - GY6.35 *
Rated current:	8 A
Rated voltage:	24 V
Working temperature:	T 250°C
Connected cables working temperature:	T 105° ÷ 250°C
In conformity to the standards:	UL 496
Approval marks:	UR

Single-conductor flexible connecting cables crimped to the lampholder:

Insulation	T in °C	Conduct.	Available voltage and AWG		
			300V	600V	18AWG
Silicone <i>Single insulation</i>	200	CuSn		•	•
Silicone+glass-braid <i>Single insulation</i>	200	CuSn		•	•
FEP <i>Single insulation</i>	200	CuNi	•	•	•
PTFE <i>Single insulation</i>	250	CuNi	•	•	•



FOR VERY LOW TENSION 12 - 24V

P54M

1988



Lampholder: GZ4 - GX5.3 - (GU5.3)
G6.35 - GY6.35 *

Rated voltage: 24 V
Rated current: 10 A
Working temperature: T 350°C

Connected cables working temperature: T 90°÷ 250°C
Protection grade: IP20
In conformity to the standards: EN 60838-1

Approval marks: **ENEC 03**
CQC

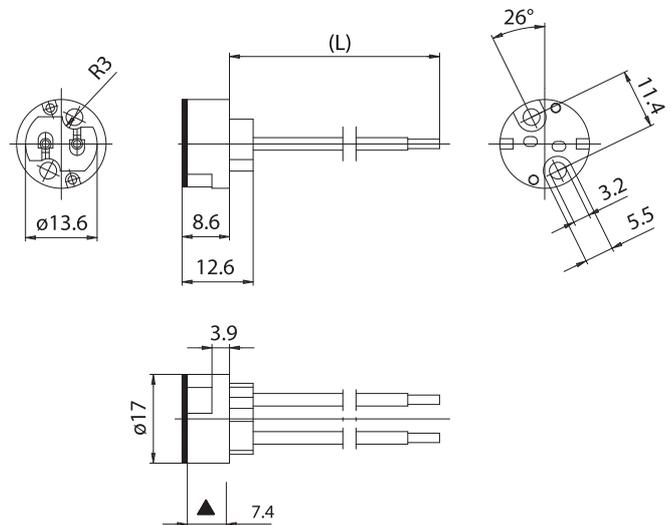


P54E: version with micarta plate only for cap GZ4.

P54B: version with micarta plate only for cap G6.35 - GY6.35.

Single-conductor flexible connecting cables crimped to the lampholder:

Insulation	T in °C	Conduct.	Available sections in mm ²			
			0,50	0,75	1,00	1,50
Silicone Single insulation	180	CuSn	•	•	•	•
Silicone+glass-braid Single insulation	180	CuSn	•	•	•	•
FEP Single insulation	180	CuSn	•	•	•	•
PTFE Single insulation	180	CuSn	•	•	•	•
PTFE Single insulation	250	CuNi	•	•	•	•
PFA Single insulation	260	CuNi	•	•	•	•



* **Article P54M may be used also for lamps with base G4.**

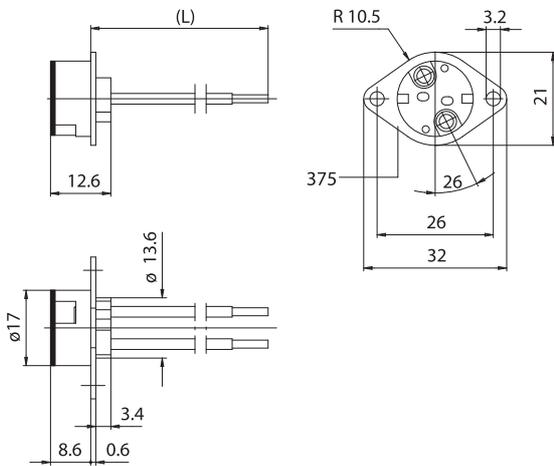
This use can not be ENEC certified because the prescription regarding the dimensions to insert the lamp contacts in the lampholder is maximum 7,4 mm.

(Standard EN 60061-2, data sheet 7005-72-1).

▲ Lamp contacts reference plane G6,35 - GY6,35



P54MD-P54D

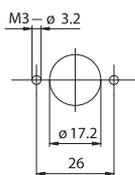


The drawing represents only the version of the lampholder with micarta cover. For the version without micarta cover, consider a thickness inferior of 0,6 mm.

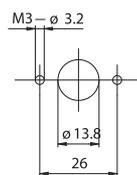
P54MD: lampholder P54M with plate assembled on the steatite body in the side towards the cables (art. 375).

P54D: lampholder as above but without micarta plate.

- Weight of the lampholder in standard execution: 10 g.
- Indications to fix the lampholder on structures.



A

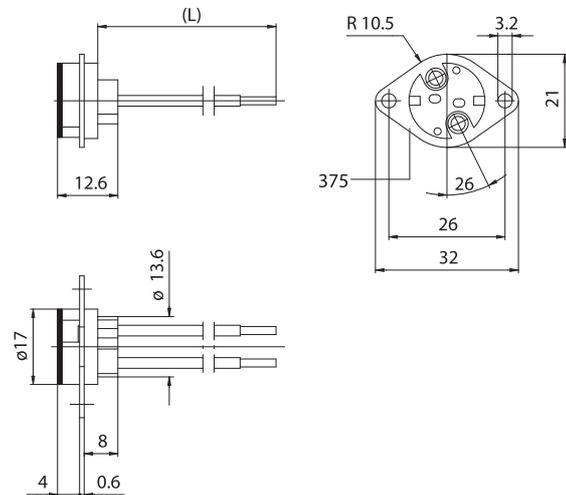


B

A - Front fixing B - Back fixing

- Fixing of the lampholder by plate holes diameter 3,2 mm with center distance 26 mm.

P54MG-P54G

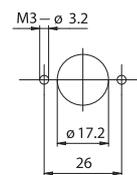


The drawing represents only the version of the lampholder with micarta cover. For the version without micarta cover, consider a thickness inferior of 0,6 mm.

P54MG: lampholder P54M with plate assembled on the steatite body in the side towards the lamp (art. 375).

P54G: lampholder as above but without micarta plate.

- Weight of the lampholder in standard execution: 10 g.
- Indications to fix the lampholder on structures.

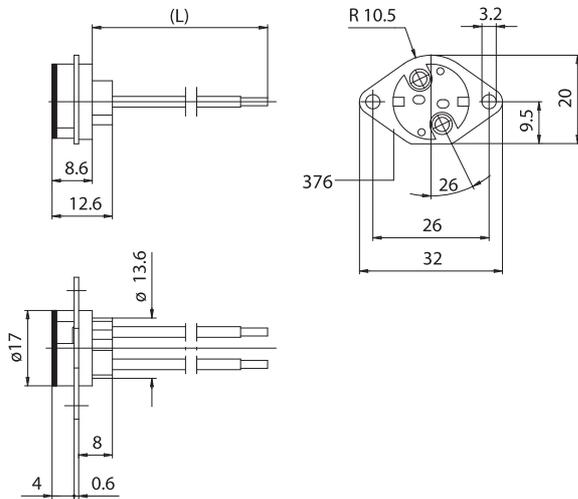


A

A - Front fixing

- Fixing of the lampholder by plate holes diameter 3,2 mm with center distance 26 mm.

P54MU-P54U

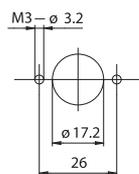


The drawing represents only the version of the lampholder with micarta cover. For the version without micarta cover, consider a thickness inferior of 0,6 mm.

P54MU: lampholder P54M with faceted plate assembled on the steatite body in the side towards the lamp (art. 376).

P54U: lampholder as above but without micarta plate.

- Weight of the lampholder in standard execution: 10 g.
- Indications to fix the lampholder on structures.

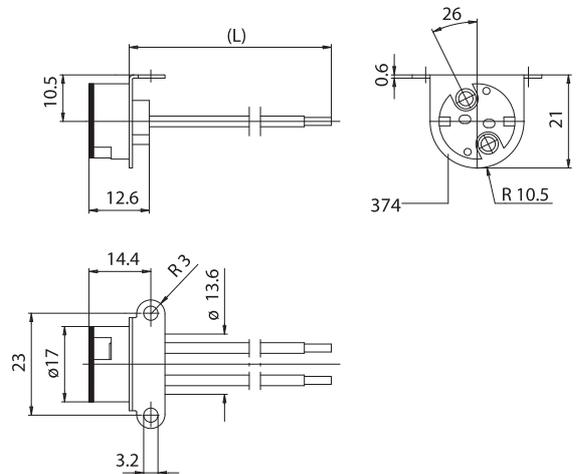


A

A - Front fixing

- Fixing of the lampholder by plate holes diameter 3,2 mm with center distance 26 mm.

P54MV-P54V

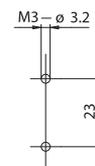


The drawing represents only the version of the lampholder with micarta cover. For the version without micarta cover, consider a thickness inferior of 0,6 mm.

P54MV: lampholder P54M with 90° bracket assembled on the steatite body in the side towards the cables (art. 374).

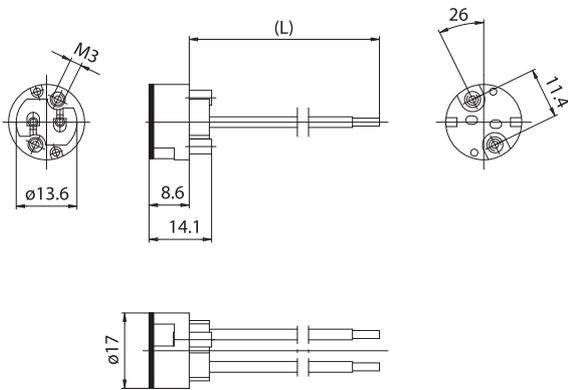
P54V: lampholder as above but without micarta plate.

- Weight of the lampholder in standard execution: 10 g.
- Indications to fix the lampholder on structures.



- Fixing of the lampholder by plate holes diameter 3,2 mm with center distance 23 mm.

P54MF-P54F

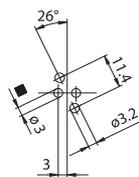


The drawing represents only the version of the lampholder with micarta cover. For the version without micarta cover, consider a thickness inferior of 0,6 mm.

P54MF: lampholder P54M assembled with threaded bushes M3 inserted in fixing holes diameter 11,4 mm (useful for the easy back-fixing of the piece).

P54F: lampholder as above but without micarta plate.

- Weight of the lampholder in standard execution: 10 g.
- Indications to fix the lampholder on structures.

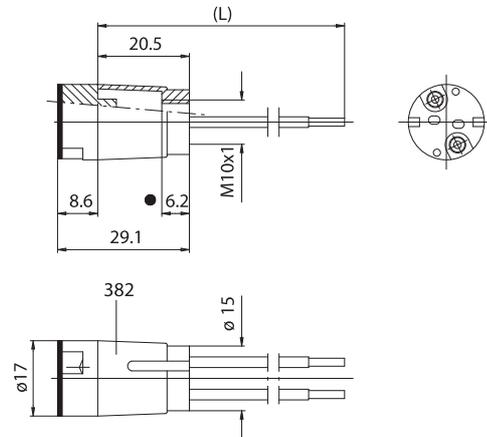


B

B - Back fixing

- Suggested minimum dimension for cables passage

P54MR-P54R



The drawing represents only the version of the lampholder with micarta cover. For the version without micarta cover, consider a thickness inferior of 0,6 mm.

P54MR: lampholder P54M assembled with white zinc-plated zamak adapter height 20,5 mm, with threaded hole M10 x1 fixed to the steatite body (art. 382).

P54R: lampholder as above but without micarta plate.

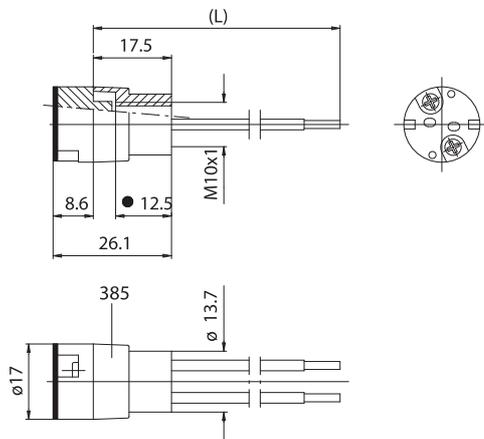
P54MRZ-P54RZ: version with adapter with M3 dowel for nipple-block.

- Weight of the lampholder in standard execution: 20 g.

● Thread depth

- Fixing on threaded tubes or nipples M10 x1.

P54MI-P54I



The drawing represents only the version of the lampholder with micarta cover. For the version without micarta cover, consider a thickness inferior of 0,6 mm

● Thread depth

P54MI: lampholder P54M assembled with white zinc-plated zamak adapter height 17,5 mm, with threaded hole M10 x1 fixed with self-threading screws to the steatite body (art. 385).

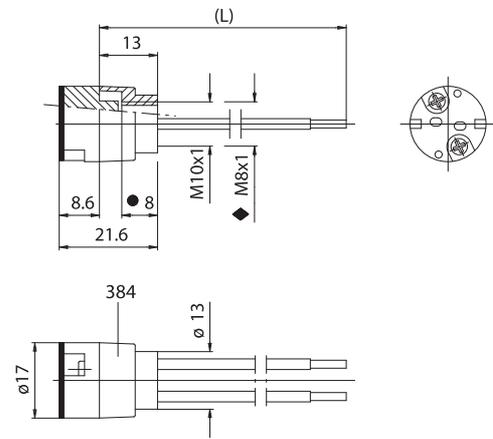
P54I: lampholder as above but without micarta plate.

P54MIZ - P54IZ: versions with adapter with M3 to block the threaded nipple.

• Weight of the lampholder in standard execution: 20 g.

• Fixing on threaded tubes or nipples.

P54MK-P54K



The drawing represents only the version of the lampholder with micarta cover. For the version without micarta cover, consider a thickness inferior of 0,6 mm

● Thread depth

P54MK: lampholder P54M assembled with white zinc-plated zamak adapter height 13 mm, with threaded hole M10 x1 fixed with self-threading screws to the steatite body (art. 384).

P54K: lampholder as above but without micarta plate.

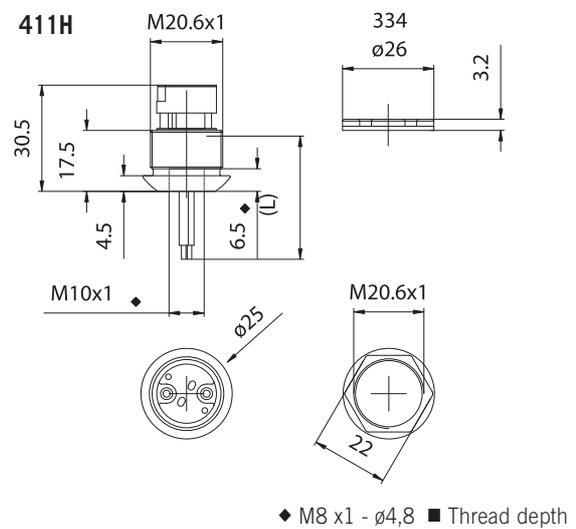
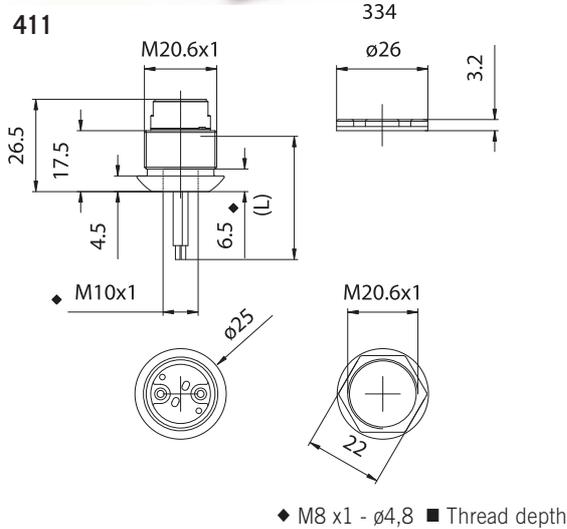
P54MN-P54N: ♦ versions with adapter M8 x1.

P54MKZ - P54KZ - P54MNZ - P54NZ: version with adapter with M3 dowel for nipple-block.

• Weight of the lampholder in standard execution: 15 g.

• Fixing on threaded tubes or nipples.

411-



411: adapter, in nickel-plated brass, with external thread M20,6 x1, ledge diameter 25 mm, and threaded hole M10 x1, with assembled P54 or P54M lampholder.

411H: adapter, in nickel-plated brass, with external thread M20,6 x1, ledge diameter 25 mm, and threaded hole M10 x1, with assembled P54 or P54M lampholder.

- The lampholder can be supplied assembled with cables according to the specifications of the customer.
- Available fixing ring-nut M20,6 x1, diameter 26 mm, with hexagonal profile key 22 mm, to fix the glass, art. 334.

Note: it is possible to supply a key, in PA66, with hexagonal indent form key 22 mm, for the threaded ring-nut art. 334 (ref. art.440, see page 146).

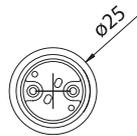
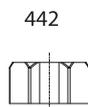
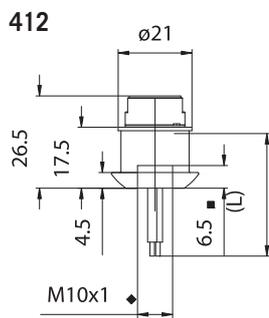
411A- 411HA: ♦ version with threaded hole M8 x1.

411Z - 411AZ - 411HZ - 411HAZ: versions with adapter with M3 dowel, without head for nipple block.

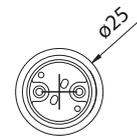
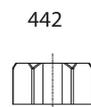
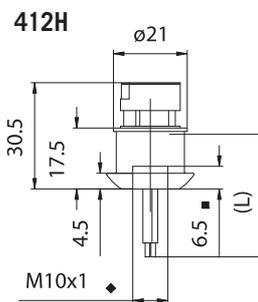
Attention: it is possible to process similar customized accessories upon customer's request, also in exclusivity.

- Fixing of the lampholder by 2 screws M3 x 10 mm (the supply includes two brass bushes in order to install properly the lampholder).

412-



◆ M8 x1 - \varnothing 4,8 ■ Thread depth



◆ M8 x1 - \varnothing 4,8 ■ Thread depth

412: adapter, in nickel-plated brass, with glass-holder spring for glasses with hole diameter $22 \div 22,5$ mm, ledge diameter 25 mm, and threaded hole M10 x1, with assembled P54 or P54M lampholder.

412H: adapter, nickel-plated brass, with glass-holder spring for glasses with hole diameter $22 \div 22,5$ mm, ledge diameter 25 mm, and threaded hole M10 x1 with assembled P54 or P54M lampholder.

- Glass-holder spring, in steel, included, but not assembled on the piece (art.442).
- The lampholder can be supplied assembled with cables according to the specifications of the customer.

412A - 412HA: ◆ version with threaded hole M8 x1.

412Z - 412AZ - 412HZ - 412HAZ: versions with adapter with M3 dowel, without head for nipple block.

Attention: in order to use properly the glass-holder springs, we recommend to carefully evaluate the tolerances of the hole, the glass thickness and the weight of the glass itself.

Attention: it is possible to process similar customized accessories upon customer's request, also in exclusivity.

- Fixing of the lampholder by 2 screws M3 x 10 mm (the supply includes two brass bushes in order to install properly the lampholder).