



General data

Signal lamps with lamp socket. The standard illumination is by a filament lamp; illumination with LED is available on request. The mm specification in the product name indicates the appropriate mounting hole diameter of the signal lamps.

For further signal lamps, refer to the "8 mm" and "LUMOTAST" pushbutton ranges as well as the signal indicators of the "RAFIX" control component ranges.

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Stock items are marked
by bold printed order numbers.

Signal lamps with lamp socket W 2 x 4.6d, 9.1 mm



Technical data

General information

Form of lens round
 Colour of lens see order block
 Diameter of collar 11 mm

Dimensions

Overall height 7 mm
 Mounting depth 25.5 mm
 Mounting hole 9.1 mm

Mechanical design

Mounting ring nut
 Terminals quick connector
 A 2.8 x 0.5 tin-plated
 Lamp socket W 2 x 4.6d
 Lamp filament lamp

Electrical characteristics

Voltage limit max. 42 V
 Power limit max. 1.2 W

Other specifications

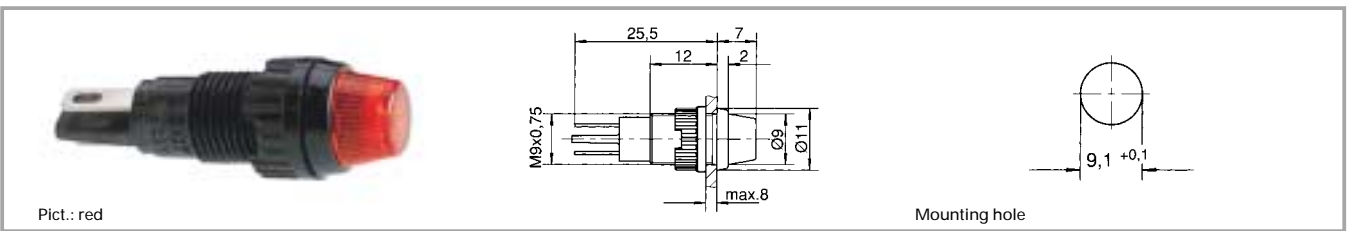
Degree of protection from front side IP40
 Weight 1 g

3

Accessories Signal lamps with lamp socket W 2 x 4.6d, 9.1 mm

With Socket	Description	Photo	Order no.	Page
	Filament lamp, W 2 x 4.6d base, 24 - 30 V		1.90.120.005/0000	5 - 4
	Filament lamp, W 2 x 4.6d base, 60 V		1.90.120.009/0000	5 - 4
	Filament lamp, W 2 x 4.6d base, 48 V		1.90.120.010/0000	5 - 4
	Filament lamp, W 2 x 4.6d base, 24 V		1.90.120.011/0000	5 - 4
	Filament lamp, W 2 x 4.6d base, 12 V		1.90.120.012/0000	5 - 4
	Filament lamp, W 2 x 4.6d base, 6 V		1.90.120.013/0000	5 - 4
	Protective sleeve made of Buna N (NBR), 7 x 30		5.52.011.022/0100	
	Fixing spanner M 9, M 10		5.58.002.025/0105	5 - 25

Signal lamps with lamp socket W 2 x 4.6d, 9.1 mm, round lens



Voltage limit max.	Power limit max.	Lamp	Colour of lens	Order no. complete	Order no. single parts	
					Housing	Lens
42 V	1.2 W	filament lamp	transparent colourless	1.66.001.011/1002	1.66.001.026/0000	5.49.255.002/1002
42 V	1.2 W	filament lamp	transparent red	1.66.001.011/1301	1.66.001.026/0000	5.49.255.002/1301
42 V	1.2 W	filament lamp	transparent yellow	1.66.001.011/1402	1.66.001.026/0000	5.49.255.002/1402
42 V	1.2 W	filament lamp	transparent green	1.66.001.011/1502	1.66.001.026/0000	5.49.255.002/1502
42 V	1.2 W	filament lamp	transparent blue	1.66.001.011/1601	1.66.001.026/0000	5.49.255.002/1601

Technical data see page 3 - 36

Please order luminous elements separately.

3

With Socket

Signal lamps with lamp socket T 4.6, 9.1 mm



Technical data

General information

Form of lens see order block
 Colour of lens see order block
 Diameter of collar 11 mm

Dimensions

Overall height see order block
 Mounting depth 30.5 mm
 Mounting hole 9.1 mm

Mechanical design

Mounting ring nut
 Terminals solder terminals
 Lamp socket T 4.6
 Lamp filament lamp

Electrical characteristics

Voltage limit max. 42 V
 Power limit max. 1 W

Other specifications

Degree of protection from front side IP40
 Weight 1 g

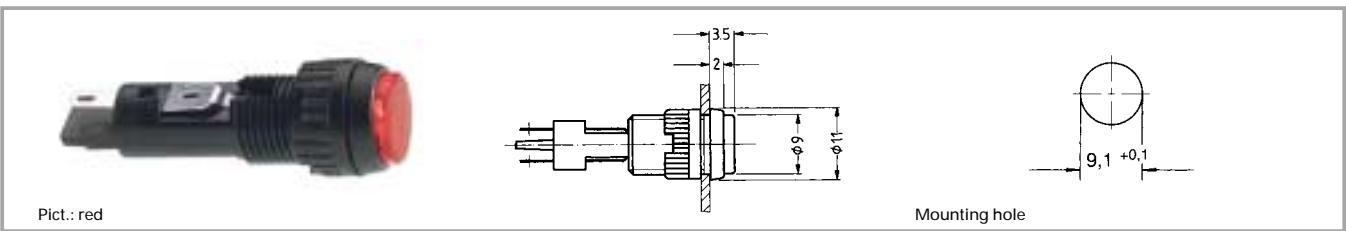
3

Accessories Signal lamps with lamp socket T 4.6, 9.1 mm

Description	Photo	Order no.	Page
Filament lamp, T 4.6 base, 12 V		1.90.100.012/0000	5 - 6
Filament lamp, T 4.6 base, 24 V		1.90.100.013/0000	5 - 6
Fixing spanner M 9, M 10		5.58.002.025/0105	5 - 25

With Socket

Signal lamps with lamp socket T 4.6, 9.1 mm, round lens

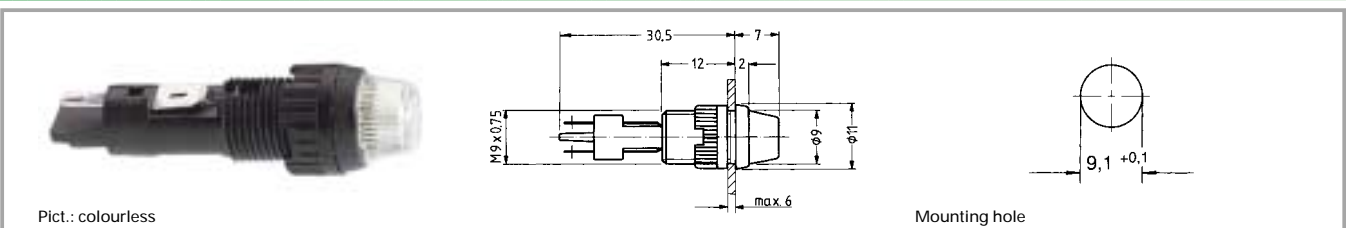


Voltage limit max.	Lamp socket	Lamp	Colour of lens	Order no. complete	Order no. single parts	
					Housing	Lens
42 V	T 4.6	filament lamp	transparent colourless	1.02.157.001/1002	1.02.157.021/0000	5.49.255.001/1002
42 V	T 4.6	filament lamp	transparent red	1.02.157.001/1307	1.02.157.021/0000	5.49.255.001/1307
42 V	T 4.6	filament lamp	transparent yellow	1.02.157.001/1403	1.02.157.021/0000	5.49.255.001/1403
42 V	T 4.6	filament lamp	transparent green	1.02.157.001/1510	1.02.157.021/0000	5.49.255.001/1510

Technical data see page 3 - 38

Please order luminous elements separately.

Signal lamps with lamp socket T 4.6, 9.1 mm, round lens



Voltage limit max.	Lamp socket	Lamp	Colour of lens	Order no. complete	Order no. single parts	
					Housing	Lens
42 V	T 4.6	filament lamp	transparent colourless	1.02.157.011/1002	1.02.157.021/0000	5.49.255.002/1002
42 V	T 4.6	filament lamp	transparent red	1.02.157.011/1301	1.02.157.021/0000	5.49.255.002/1301
42 V	T 4.6	filament lamp	transparent yellow	1.02.157.011/1402	1.02.157.021/0000	5.49.255.002/1402
42 V	T 4.6	filament lamp	transparent green	1.02.157.011/1502	1.02.157.021/0000	5.49.255.002/1502

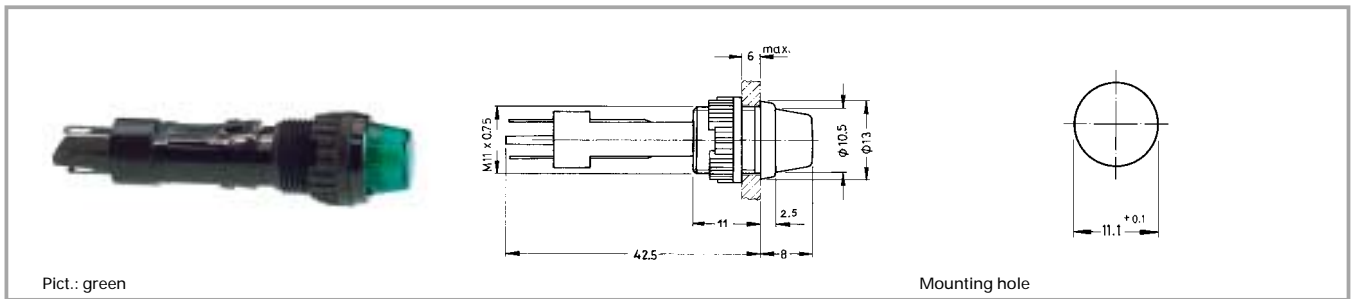
Technical data see page 3 - 38

Please order luminous elements separately.

3

With Socket

Signal lamps with lamp socket T 5.5, 11.1 mm



Technical data

General information

Form of lens round protruding
 Colour of lens see order block
 Diameter of collar 13 mm

Electrical characteristics

Voltage limit max. 42 V
 Power limit max. 1.2 W

Dimensions

Overall height 8 mm
 Mounting depth 42.5 mm
 Mounting hole 11.1 mm

Other specifications

Degree of protection from front side IP40
 Weight 2.5 g

Mechanical design

Mounting ring nut
 Terminals solder terminals
 Lamp socket T 5.5 DIN 49 604
 Lamp filament lamp

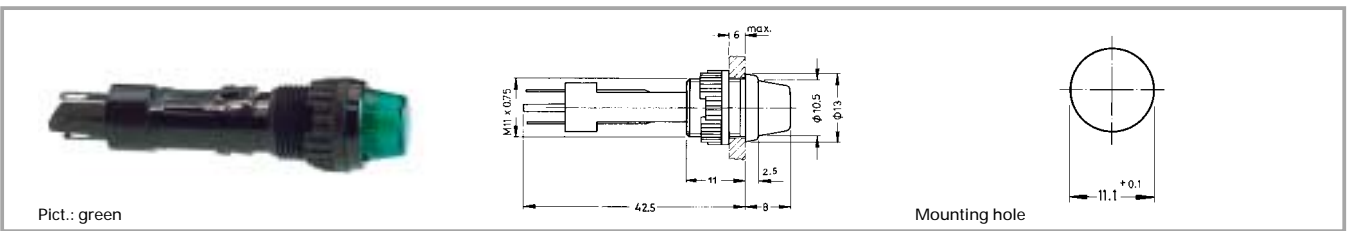
3

Accessories Signal lamps with lamp socket T 5.5, 11.1 mm

Description	Photo	Order no.	Page
Filament lamp, T 5.5 base, 24 V		1.90.101.054/0000	5 - 7
Protective sleeve made of Buna N (NBR), 8 x 30		5.52.011.023/0100	
Fixing spanner M 11, M 13		5.58.002.026/0105	5 - 25

With Socket

Signal lamps with lamp socket T 5.5, 11.1 mm, round lens



Voltage limit max.	Power limit max.	Lamp	Colour of lens	Order no. complete	Order no. single parts	
					Housing	Lens
42 V	1.2 W	filament lamp	transparent colourless	1.65.104.041/1002	1.65.104.001/0000	5.49.255.003/1002
42 V	1.2 W	filament lamp	transparent red	1.65.104.041/1301	1.65.104.001/0000	5.49.255.003/1301
42 V	1.2 W	filament lamp	transparent yellow	1.65.104.041/1402	1.65.104.001/0000	5.49.255.003/1402
42 V	1.2 W	filament lamp	transparent green	1.65.104.041/1502	1.65.104.001/0000	5.49.255.003/1502

Technical data see page 3 - 40

Please order luminous elements separately.

3

With Socket

Signal lamps with lamp socket BA 9s (MBC/MCC), 16.2 mm



Technical data

General information

Form of lens see order block
 Colour of lens see order block
 Diameter of collar see order block

Dimensions

Overall height see order block
 Mounting depth 45.8 mm
 Mounting hole 16.2 mm

Mechanical design

Mounting ring nut
 Terminals quick-connect terminals for 2x 2.8x0.8 mm tin-plated
 Lamp socket BA 9 s
 Lamp filament lamp

Electrical characteristics

Voltage limit max. 250 V
 Power limit max. 2 W

Other specifications

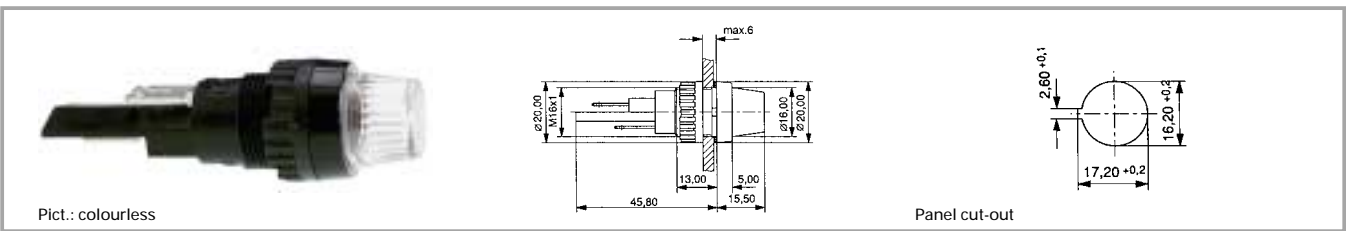
Degree of protection from front side see order block
 Weight 10 g
 Approvals SEV at 2 W

3

Accessories Signal lamps with lamp socket BA 9s (MBC/MCC), 16.2 mm

With Socket	Description	Photo	Order no.	Page
	Protective sleeve for terminals made of Buna N (NBR)		5.52.011.027/0100	
	Fixing spanner M 15, M 16		5.58.002.019/0105	5 - 25

Signal lamps with lamp socket BA 9s (MBC/MCC), 16.2 mm, round lens



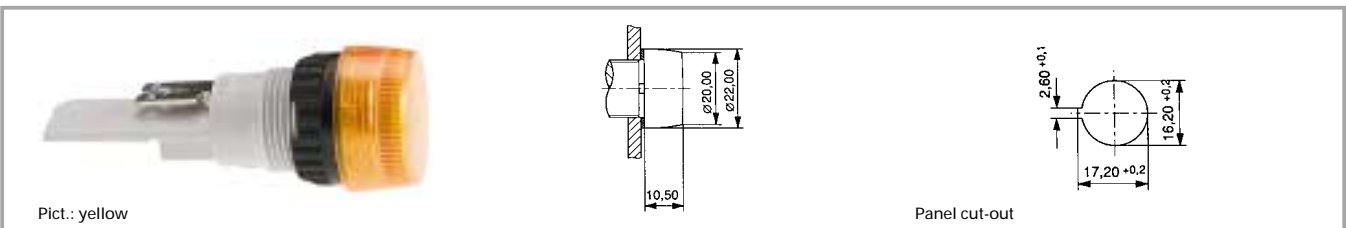
Voltage limit max.	Power limit max.	Degree of protection from front side	Colour of lens	Order no. complete	Order no. single parts	
					Housing	Lens
250 V	2 W	IP40	transparent colourless	1.63.004.001/1002	1.63.004.091/0000	5.49.205.013/1002
250 V	2 W	IP40	transparent red	1.63.004.001/1301	1.63.004.091/0000	5.49.205.013/1301
250 V	2 W	IP40	transparent yellow	1.63.004.001/1402	1.63.004.091/0000	5.49.205.013/1402
250 V	2 W	IP40	transparent green	1.63.004.001/1502	1.63.004.091/0000	5.49.205.013/1502

Technical data see page 3 - 42

Accessories:

- Filament lamp, BA 9s base (MBC/MCC), 12 - 15 V: **1.90.060.132/0000**
- Filament lamp, BA 9s base (MBC/MCC), 24 - 30 V: **1.90.060.133/0000**
- Filament lamp, BA 9s base (MBC/MCC), 110 - 130 V: **1.90.060.137/0000**

Signal lamps with lamp socket BA 9s (MBC/MCC), 16.2 mm, round lens



Voltage limit max.	Power limit max.	Degree of protection from front side	Colour of lens	Order no. complete	Order no. single parts	
					Housing	Lens
250 V	2 W	IP65	transparent colourless	1.63.004.010/1002	1.63.004.100/0000	5.49.227.007/1002
250 V	2 W	IP65	transparent red	1.63.004.010/1301	1.63.004.100/0000	5.49.227.007/1301
250 V	2 W	IP65	transparent yellow	1.63.004.010/1402	1.63.004.100/0000	5.49.227.007/1402
250 V	2 W	IP65	transparent green	1.63.004.010/1502	1.63.004.100/0000	5.49.227.007/1502

Technical data see page 3 - 42

Accessories:

- Filament lamp, BA 9s base (MBC/MCC), 12 - 15 V: **1.90.060.003/0000**
- Filament lamp, BA 9s base (MBC/MCC), 24 - 30 V: **1.90.060.014/0000**

3

With Socket

Signal lamps with lamp socket E 10 (MES), 16.2 mm



Pict.: red

Screw terminals, yellow

Panel cut-out

Technical data

General information

Form of lens round
 Colour of lens see order block
 Diameter of collar 20 mm

Electrical characteristics

Voltage limit max. 250 V
 Power limit max. 2 W

Dimensions

Overall height see order block
 Mounting depth see order block
 Mounting hole 16.2 mm

Other specifications

Degree of protection from front side IP40
 Weight 11 g
 Approvals at 2W (T=°C) VDE

Mechanical design

Mounting ring nut
 Terminals see order block
 Lamp socket E 10
 Lamp filament lamp

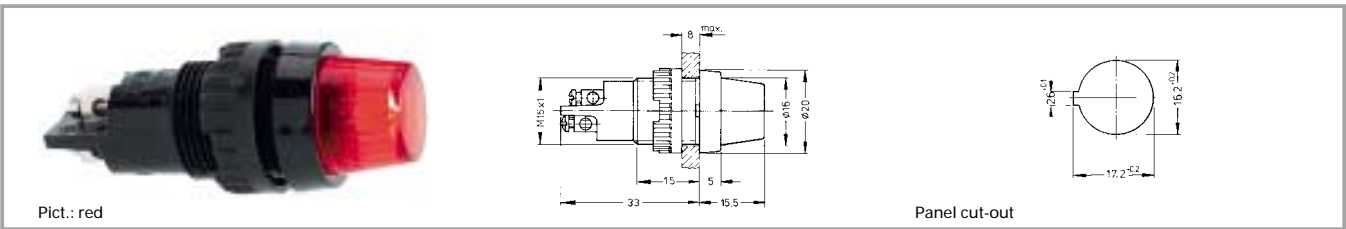
3

Accessories Signal lamps with lamp socket E 10 (MES), 16.2 mm

Description	Photo	Order no.	Page
Filament lamp, E 10 (MES) base, 24 - 30 V		1.90.010.033/0000	5 - 11
Filament lamp, E 10 (MES) base, 110 - 130 V		1.90.010.037/0000	5 - 11
Protective sleeve for terminals		5.52.011.026/0100	
Fixing spanner M 15, M 16		5.58.002.019/0105	5 - 25

With Socket

Signal lamps with lamp socket E 10 (MES), 16.2 mm, round lens



Voltage limit max.	Power limit max.	Terminals	Colour of lens	Order no. complete	Order no. single parts	
					Housing	Lens
250 V	2 W	screw terminals nickel-plated	transparent colourless	1.60.502.102/1002	1.60.502.091/0000	5.49.205.013/1002
250 V	2 W	screw terminals nickel-plated	transparent red	1.60.502.102/1301	1.60.502.091/0000	5.49.205.013/1301
250 V	2 W	screw terminals nickel-plated	transparent yellow	1.60.502.102/1402	1.60.502.091/0000	5.49.205.013/1402
250 V	2 W	screw terminals nickel-plated	transparent green	1.60.502.102/1502	1.60.502.091/0000	5.49.205.013/1502
250 V	2 W	screw terminals nickel-plated	transparent blue	1.60.502.102/1601	1.60.502.091/0000	5.49.205.013/1601

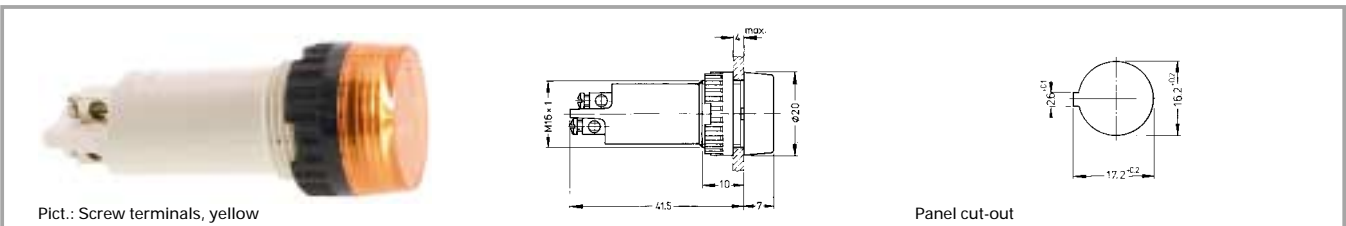
Technical data see page 3 - 44

Approval: VDE, SEV T70°C.

Versions with 2.8 x 0.8 quick-connect terminals available on request.

3

Signal lamps with lamp socket E 10 (MES), 16.2 mm, round lens



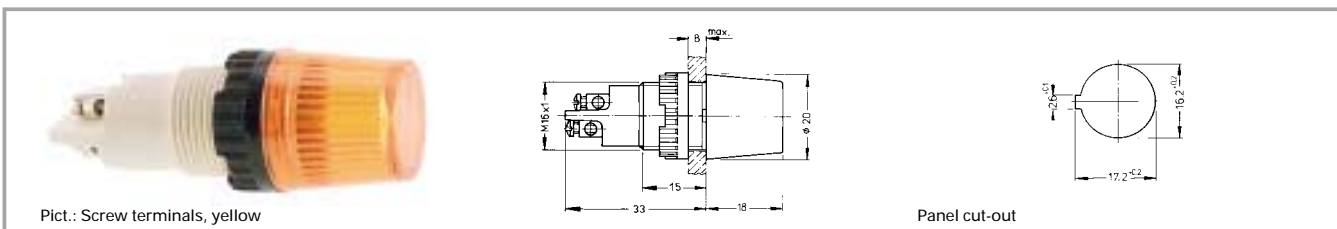
Voltage limit max.	Power limit max.	Terminals	Colour of lens	Order no. complete	Order no. single parts	
					Housing	Lens
250 V	2 W	screw terminals nickel-plated	transparent colourless	1.60.502.002/1002	1.60.502.098/0000	5.49.227.005/1002
250 V	2 W	screw terminals nickel-plated	transparent red	1.60.502.002/1301	1.60.502.098/0000	5.49.227.005/1301
250 V	2 W	screw terminals nickel-plated	transparent yellow	1.60.502.002/1402	1.60.502.098/0000	5.49.227.005/1402
250 V	2 W	screw terminals nickel-plated	transparent green	1.60.502.002/1502	1.60.502.098/0000	5.49.227.005/1502
250 V	2 W	screw terminals nickel-plated	transparent blue	1.60.502.002/1601	1.60.502.098/0000	5.49.227.005/1601

Technical data see page 3 - 44

Approval: VDE, SEV T70°C.

With Socket

Signal lamps with lamp socket E 10 (MES), 16.2 mm, round lens



Voltage limit max.	Power limit max.	Terminals	Colour of lens	Order no. complete	Order no. single parts	
					Housing	Lens
250 V	2 W	screw terminals nickel-plated	transparent colourless	1.60.502.001/1002	1.60.502.099/0000	5.49.227.004/1002
250 V	2 W	screw terminals nickel-plated	transparent red	1.60.502.001/1301	1.60.502.099/0000	5.49.227.004/1301
250 V	2 W	screw terminals nickel-plated	transparent yellow	1.60.502.001/1402	1.60.502.099/0000	5.49.227.004/1402
250 V	2 W	screw terminals nickel-plated	transparent green	1.60.502.001/1502	1.60.502.099/0000	5.49.227.004/1502
250 V	2 W	screw terminals nickel-plated	transparent blue	1.60.502.001/1601	1.60.502.099/0000	5.49.227.004/1601

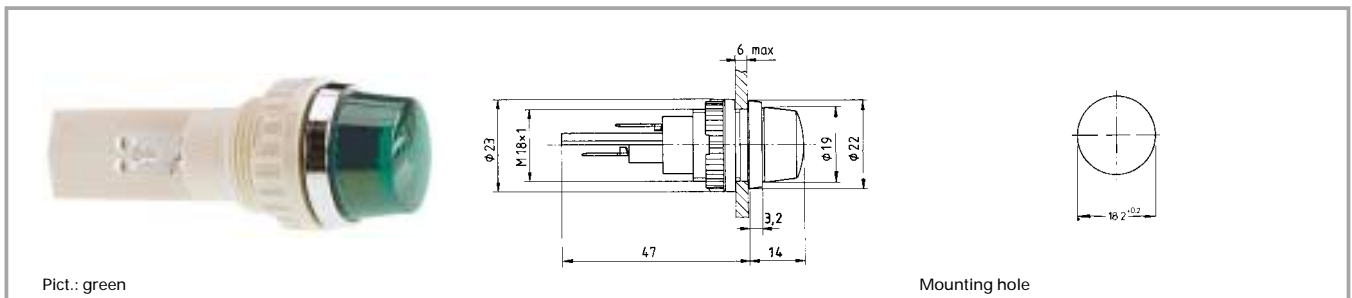
Technical data see page 3 - 44

Approval: VDE, SEV T70°C.

3

With Socket

Signal lamps with lamp socket BA 9s (MBC/MCC), 18.2 mm



Pict.: green

Mounting hole

Technical data

General information

Form of lens round
 Colour of lens see order block
 Diameter of collar 22 mm

Electrical characteristics

Voltage limit max. 250 V
 Power limit max. 2 W

Dimensions

Overall height 14 mm
 Mounting depth 47 mm
 Mounting hole 18.2 mm

Other specifications

Degree of protection from front side IP65
 Weight 22 g
 Approvals VDE T120°C bei 2 W

Mechanical design

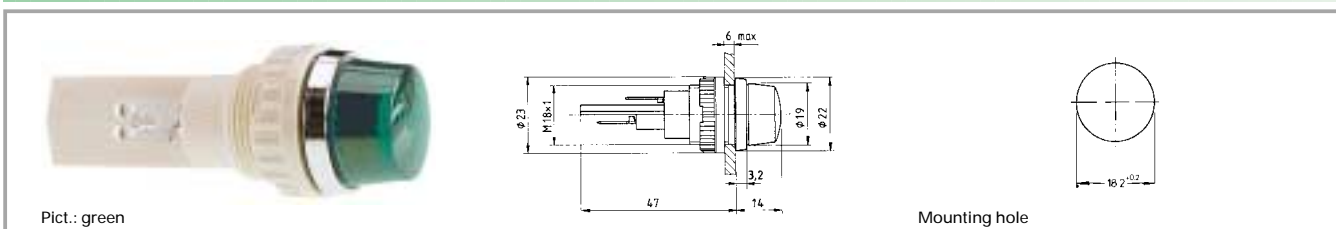
Mounting ring nut
 Terminals quick-connect terminals for 2x 2.8x0.8 mm tin-plated
 Lamp socket BA 9 s
 Lamp filament lamp

3

Accessories Signal lamps with lamp socket BA 9s (MBC/MCC), 18.2 mm

With Socket	Description	Photo	Order no.	Page
	Filament lamp, BA 9s base (MBC/MCC), 12 - 15 V		1.90.060.132/0000	5 - 8
	Filament lamp, BA 9s base (MBC/MCC), 24 - 30 V		1.90.060.133/0000	5 - 8
	Filament lamp, BA 9s base (MBC/MCC), 110 - 130 V		1.90.060.137/0000	5 - 8
	Protective sleeve for terminals made of Buna N (NBR)		5.52.011.027/0100	

Signal lamps with lamp socket BA 9s (MBC/MCC), 18.2 mm, round lens



Voltage limit max.	Power limit max.	Lamp	Colour of lens	Order no. complete	Order no. single parts	
					Housing	Lens
250 V	2 W	filament lamp	transparent colourless	1.63.018.001/1002	1.63.018.091/0000	5.49.205.018/1002
250 V	2 W	filament lamp	transparent red	1.63.018.001/1301	1.63.018.091/0000	5.49.205.018/1301
250 V	2 W	filament lamp	transparent yellow	1.63.018.001/1402	1.63.018.091/0000	5.49.205.018/1402
250 V	2 W	filament lamp	transparent green	1.63.018.001/1502	1.63.018.091/0000	5.49.205.018/1502

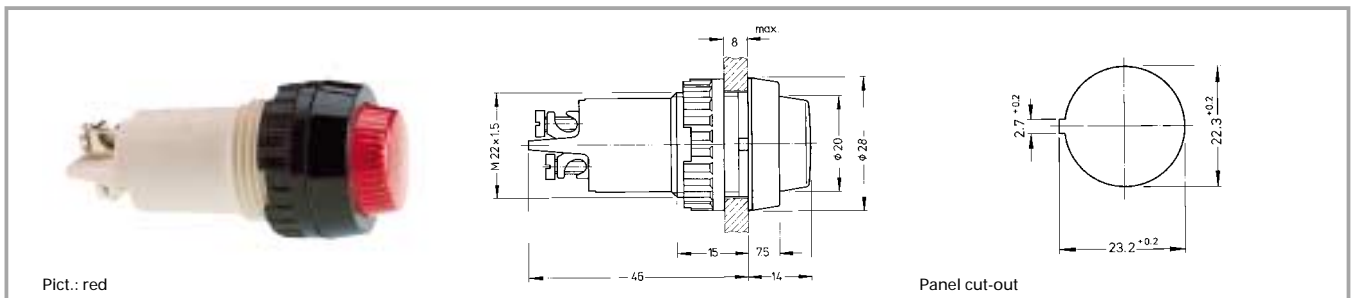
Technical data see page 3 - 48

Please order luminous elements separately. When ordering as single parts, please add 1 x sealing ring 5.30.120.009/0100 for each signal lamp to your order.

3

With Socket

Signal lamps with lamp socket E 14, 22.3 mm



Technical data

General information

Form of lens round
 Colour of lens see order block
 Diameter of collar 28 mm

Electrical characteristics

Voltage limit max. 250 V
 Power limit max. 2 W

Dimensions

Overall height 14 mm
 Mounting depth 46 mm
 Mounting hole 22.3 mm

Other specifications

Degree of protection from front side see order block
 Weight 21 g
 Approvals 1W (T100°C) VDE
 Approvals 2W (T85°C) VDE, DEMKO, NEMKO

Mechanical design

Mounting ring nut
 Terminals see order block
 Lamp socket E 14
 Lamp filament lamp

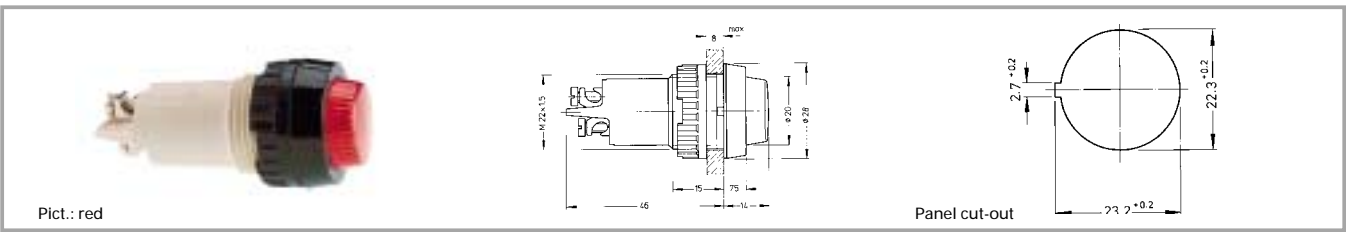
3

Accessories Signal lamps with lamp socket E 14, 22.3 mm

Description	Photo	Order no.	Page
Filament lamp, E 14 base, 24 - 30 V		1.90.020.033/0000	5 - 12
Sealing ring for IP65		5.30.075.010/0100	5 - 31
Protection against contact to VBG 4		5.50.240.063/0209	5 - 32
Protective sleeve for terminals made of Buna N (NBR)		5.52.011.029/0100	
Fixing spanner M 20, M 22, for ring nut		5.58.002.018/0105	5 - 25

With Socket

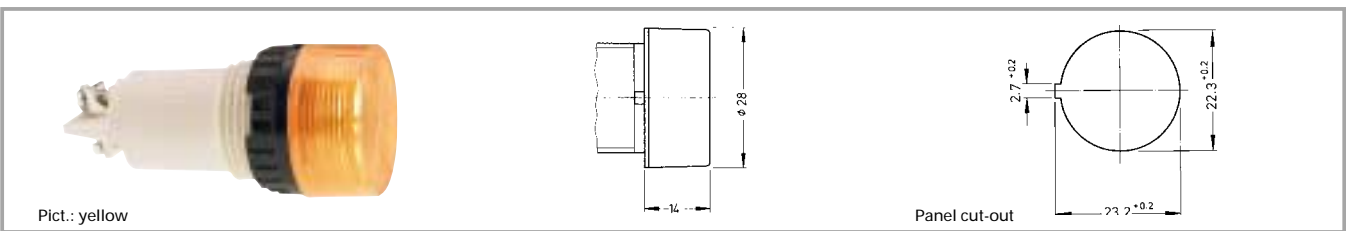
Signal lamps with lamp socket E 14, IP40, 22.3 mm



Voltage limit max.	Degree of protection from front side	Terminals	Colour of lens	Order no. complete	Order no. single parts	
					Housing	Lens
250 V	IP40	screw terminals brass nickel-plated	transparent colourless	1.61.012.011/1002	1.61.012.099/0000	5.00.350.726/1002
250 V	IP40	screw terminals brass nickel-plated	transparent red	1.61.012.011/1301	1.61.012.099/0000	5.00.350.726/1301
250 V	IP40	screw terminals brass nickel-plated	transparent yellow	1.61.012.011/1402	1.61.012.099/0000	5.00.350.726/1402
250 V	IP40	screw terminals brass nickel-plated	transparent green	1.61.012.011/1502	1.61.012.099/0000	5.00.350.726/1502

Technical data see page 3 - 50

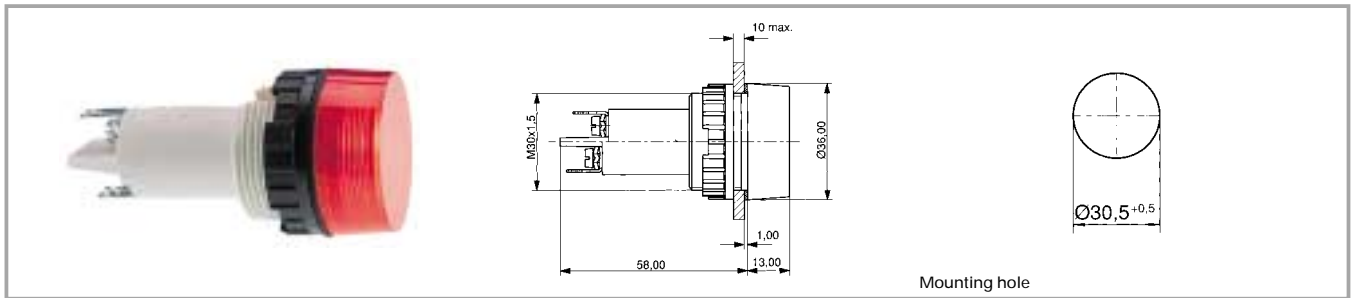
Signal lamps with lamp socket E 14, 22.3 mm, screw-on lens, IP40



Voltage limit max.	Degree of protection from front side	Terminals	Colour of lens	Order no. complete	Order no. single parts	
					Housing	Lens
250 V	IP40	screw terminals brass nickel-plated	transparent colourless	1.61.012.061/1002	1.61.012.099/0000	5.49.229.006/1002
250 V	IP40	screw terminals brass nickel-plated	transparent red	1.61.012.061/1301	1.61.012.099/0000	5.49.229.006/1301
250 V	IP40	screw terminals brass nickel-plated	transparent yellow	1.61.012.061/1402	1.61.012.099/0000	5.49.229.006/1402
250 V	IP40	screw terminals brass nickel-plated	transparent green	1.61.012.061/1502	1.61.012.099/0000	5.49.229.006/1502

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Signal lamps with lamp socket E 14, 30.5 mm



Technical data

General information

Form of lens round
 Colour of lens see order block
 Diameter of collar 36 mm

Electrical characteristics

Voltage limit max. 250 V
 Power limit max. 5 W

Dimensions

Overall height see order block
 Mounting depth 58 mm
 Mounting hole 30.5 mm

Other specifications

Degree of protection from front side see order block
 Weight 40 g

Mechanical design

Mounting ring nut
 Terminals screw-terminals and quick-connect terminals for 2 x 2.8 x 0.8 mm
 Lamp socket E 14
 Lamp filament lamp

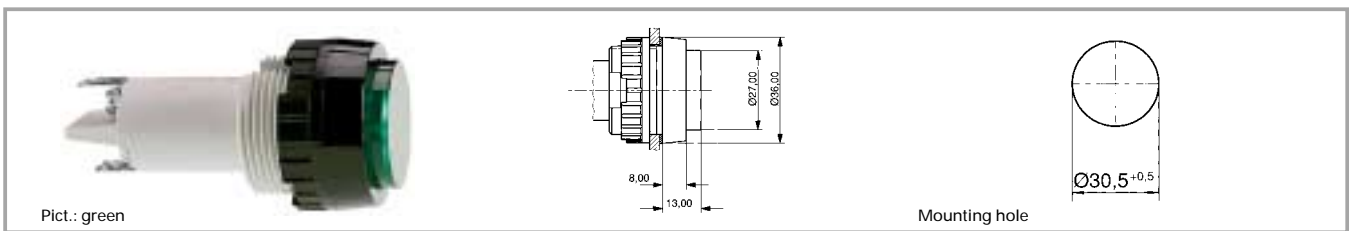
3

Accessories Signal lamps with lamp socket E 14, 30.5 mm

With Socket

Description	Photo	Order no.	Page
Protection against contact to VBG 5		5.50.240.065/0200	5 - 32
Protective sleeve for terminals		5.52.011.031/0100	
Fixing spanner M 25, M 30		5.58.002.020/0105	5 - 25

Signal lamps with lamp socket E 14, IP40, 30.5 mm



Voltage limit max.	Power limit max.	Degree of protection from front side	Colour of lens	Order no. complete	Order no. single parts	
					Housing	Lens
250 V	5 W	IP40	transparent colourless	1.61.021.004/1002	1.61.021.099/0000	5.00.350.013/1002
250 V	5 W	IP40	transparent red	1.61.021.004/1301	1.61.021.099/0000	5.00.350.013/1301
250 V	5 W	IP40	transparent yellow	1.61.021.004/1402	1.61.021.099/0000	5.00.350.013/1402
250 V	5 W	IP40	transparent green	1.61.021.004/1502	1.61.021.099/0000	5.00.350.013/1502

Technical data see page 3 - 52

Accessories:

Filament lamp, E 14 base, 24 - 30 V: **1.90.020.033/0000**

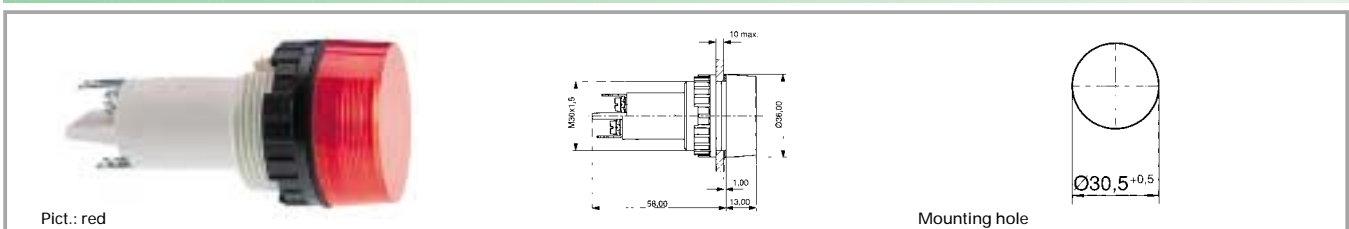
Filament lamp, E 14 base, 24 V: **1.90.020.053/0000**

Filament lamp, E 14 base, 220 - 260 V: **1.90.020.061/0000**

Single-wire screw terminal with clamp: 2 x 0.75 to 2.5 mm², stranded core with wire end sleeve: 2 x 0.75 to 1.5 mm², quick-connect terminal suitable for 2 x 2.8 x 0.8 tin-plated for soldering.

3

Signal lamps with lamp socket E 14, IP40, 30.5 mm



Voltage limit max.	Power limit max.	Degree of protection from front side	Colour of lens	Order no. complete	Order no. single parts	
					Housing	Lens
250 V	5 W	IP40	transparent colourless	1.61.021.001/1002	1.61.021.099/0000	5.49.233.005/1002
250 V	5 W	IP40	transparent red	1.61.021.001/1301	1.61.021.099/0000	5.49.233.005/1301
250 V	5 W	IP40	transparent yellow	1.61.021.001/1402	1.61.021.099/0000	5.49.233.005/1402
250 V	5 W	IP40	transparent green	1.61.021.001/1502	1.61.021.099/0000	5.49.233.005/1502

Technical data see page 3 - 52

Accessories:

Filament lamp, E 14 base, 24 - 30 V: **1.90.020.033/0000**

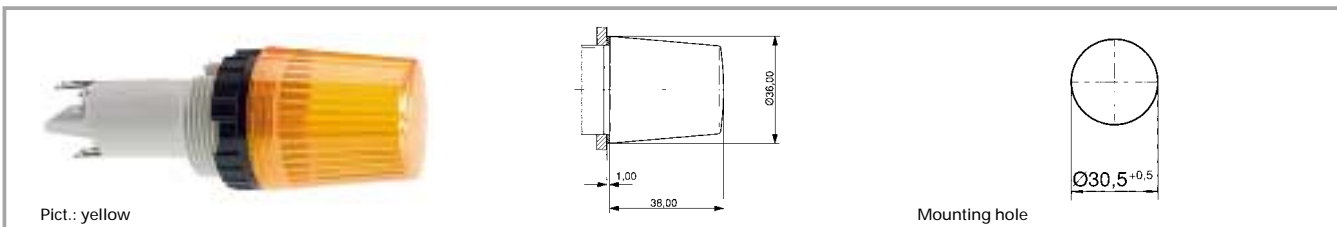
Filament lamp, E 14 base, 24 V: **1.90.020.053/0000**

Filament lamp, E 14 base, 220 - 260 V: **1.90.020.061/0000**

Single-wire screw terminal with clamp: 2 x 0.75 to 2.5 mm², stranded core with wire end sleeve: 2 x 0.75 to 1.5 mm², quick-connect terminal suitable for 2 x 2.8 x 0.8 tin-plated for soldering.

With Socket

Signal lamps with lamp socket E 14, IP40, 30.5 mm



Voltage limit max.	Power limit max.	Degree of protection from front side	Colour of lens	Order no. complete	Order no. single parts	
					Housing	Lens
250 V	5 W	IP40	transparent colourless	1.61.021.011/1002	1.61.021.099/0000	5.49.233.008/1002
250 V	5 W	IP40	transparent red	1.61.021.011/1301	1.61.021.099/0000	5.49.233.008/1301
250 V	5 W	IP40	transparent yellow	1.61.021.011/1402	1.61.021.099/0000	5.49.233.008/1402
250 V	5 W	IP40	transparent green	1.61.021.011/1502	1.61.021.099/0000	5.49.233.008/1502

Technical data see page 3 - 52

Accessories:

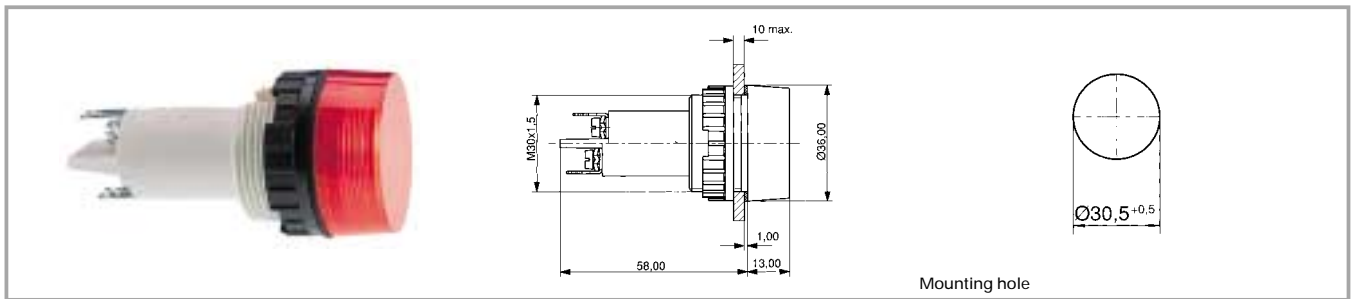
- Filament lamp, E 14 base, 24 - 30 V: **1.90.020.105/0000**
- Filament lamp, E 14 base, 220 - 260 V: **1.90.020.115/0000**

Single-wire screw terminal with clamp: 2 x 0.75 to 2.5 mm², stranded core with wire end sleeve: 2 x 0.75 to 1.5 mm², quick-connect terminal suitable for 2 x 2.8 x 0.8 tin-plated for soldering.

3

With Socket

Signal lamps with lamp socket BA 15d, 30.5 mm



Technical data

General information

Form of lens round
 Colour of lens see order block
 Diameter of collar 36 mm

Electrical characteristics

Voltage limit max. 250 V
 Power limit max. 5 W

Dimensions

Overall height see order block
 Mounting depth 58 mm
 Mounting hole 30.5 mm

Other specifications

Degree of protection from front side see order block
 Weight 40 g

Mechanical design

Mounting ring nut
 Terminals screw-terminals and quick-connect terminals for 2 x 2.8 x 0.8 mm
 Lamp socket BA 15 d
 Lamp filament lamp

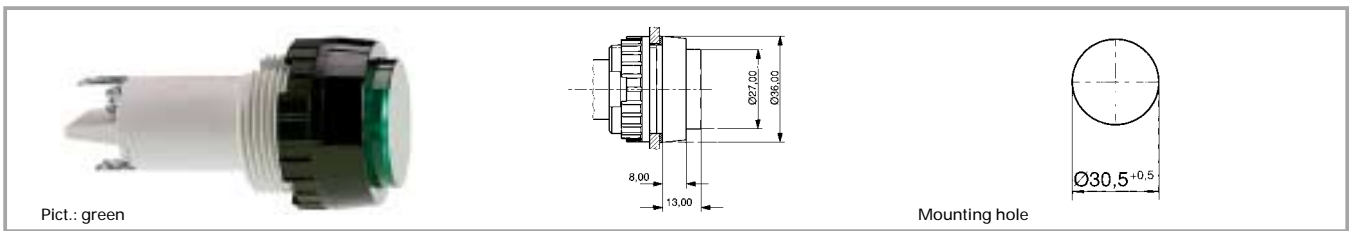
3

Accessories Signal lamps with lamp socket BA 15d, 30.5 mm

With Socket

Description	Photo	Order no.	Page
Protection against contact to VBG 5		5.50.240.065/0200	5 - 32
Protective sleeve		5.52.011.031/0100	
Fixing spanner M 25, M 30		5.58.002.020/0105	5 - 25

Signal lamps with lamp socket BA 15d, IP40, 30.5 mm



Voltage limit max.	Power limit max.	Degree of protection from front side	Colour of lens	Order no. complete	Order no. single parts	
					Housing	Lens
250 V	5 W	IP40	transparent colourless	1.63.521.004/1002	1.63.521.099/0000	5.00.350.013/1002
250 V	5 W	IP40	transparent red	1.63.521.004/1301	1.63.521.099/0000	5.00.350.013/1301
250 V	5 W	IP40	transparent yellow	1.63.521.004/1402	1.63.521.099/0000	5.00.350.013/1402
250 V	5 W	IP40	transparent green	1.63.521.004/1502	1.63.521.099/0000	5.00.350.013/1502

Technical data see page 3 - 56

Accessories:

Filament lamp, BA 15d base, 12 - 15 V: **1.90.070.003/0000**

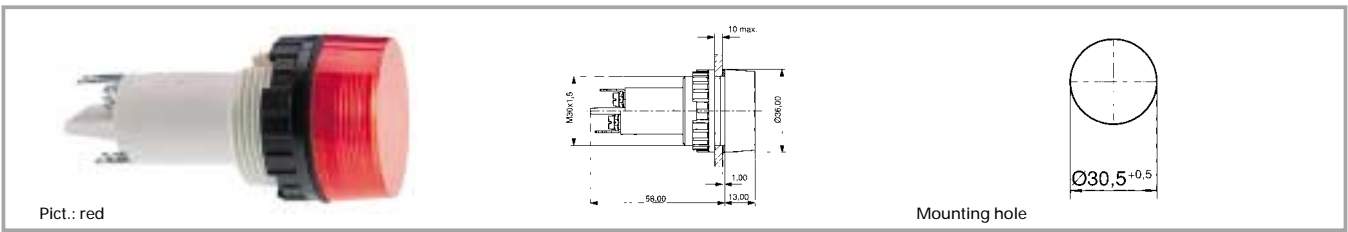
Filament lamp, BA 15d base, 24 - 30 V: **1.90.070.004/0000**

Filament lamp, BA 15d base, 24 V: **1.90.070.053/0000**

Filament lamp, BA 15d base, 220 - 260 V: **1.90.070.061/0000**

Single-wire screw terminal with clamp: 2 x 0.75 to 2.5 mm², stranded core with wire end sleeve: 2 x 0.75 to 1.5 mm², quick-connect terminal suitable for 2 x 2.8 x 0.8 tin-plated for soldering.

Signal lamps with lamp socket BA 15d, IP40, 30.5 mm



Voltage limit max.	Power limit max.	Degree of protection from front side	Colour of lens	Order no. complete	Order no. single parts	
					Housing	Lens
250 V	5 W	IP40	transparent colourless	1.63.521.001/1002	1.63.521.099/0000	5.49.233.005/1002
250 V	5 W	IP40	transparent red	1.63.521.001/1301	1.63.521.099/0000	5.49.233.005/1301
250 V	5 W	IP40	transparent yellow	1.63.521.001/1402	1.63.521.099/0000	5.49.233.005/1402
250 V	5 W	IP40	transparent green	1.63.521.001/1502	1.63.521.099/0000	5.49.233.005/1502

Technical data see page 3 - 56

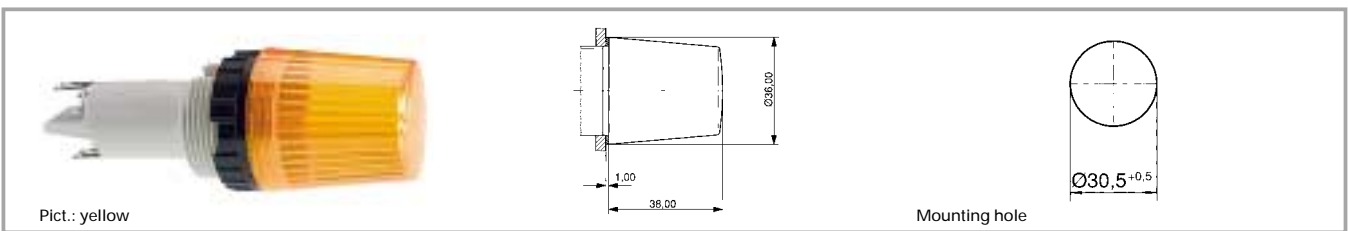
Accessories:

- Filament lamp, BA 15d base, 12 - 15 V: **1.90.070.003/0000**
- Filament lamp, BA 15d base, 24 - 30 V: **1.90.070.004/0000**
- Filament lamp, BA 15d base, 24 V: **1.90.070.053/0000**
- Filament lamp, BA 15d base, 220 - 260 V: **1.90.070.061/0000**

Single-wire screw terminal with clamp: 2 x 0.75 to 2.5 mm², stranded core with wire end sleeve: 2 x 0.75 to 1.5 mm², quick-connect terminal suitable for 2 x 2.8 x 0.8 tin-plated for soldering.

3

Signal lamps with lamp socket BA 15d, IP40, 30.5 mm



Voltage limit max.	Power limit max.	Degree of protection from front side	Colour of lens	Order no. complete	Order no. single parts	
					Housing	Lens
250 V	5 W	IP40	transparent colourless	1.63.521.011/1002	1.63.521.099/0000	5.49.233.008/1002
250 V	5 W	IP40	transparent red	1.63.521.011/1301	1.63.521.099/0000	5.49.233.008/1301
250 V	5 W	IP40	transparent yellow	1.63.521.011/1402	1.63.521.099/0000	5.49.233.008/1402
250 V	5 W	IP40	transparent green	1.63.521.011/1502	1.63.521.099/0000	5.49.233.008/1502

Technical data see page 3 - 56

Accessories:

- Filament lamp, BA 15d base, 24 - 30 V: **1.90.070.105/0000**
- Filament lamp, BA 15d base, 220 - 260 V: **1.90.070.109/0000**

Single-wire screw terminal with clamp: 2 x 0.75 to 2.5 mm², stranded core with wire end sleeve: 2 x 0.75 to 1.5 mm², quick-connect terminal suitable for 2 x 2.8 x 0.8 tin-plated for soldering.

With Socket