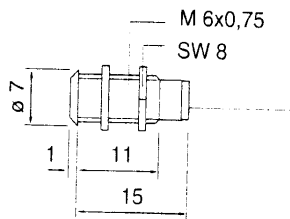
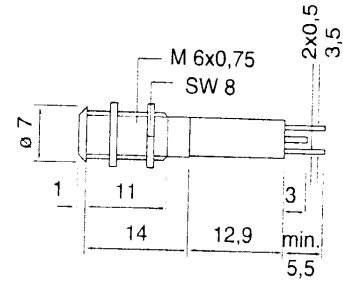


Abmessungen / Dimensions

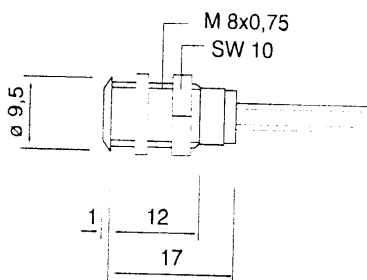
Zeichnungsnr. / Drawing No. 19000-A



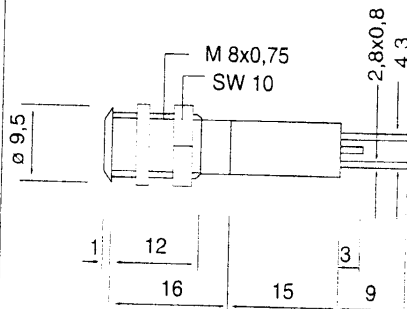
Zeichnungsnr. / Drawing No. 19000-B



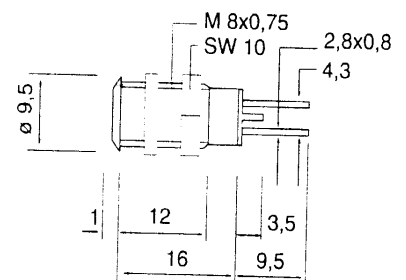
Zeichnungsnr. / Drawing No. 19010-A



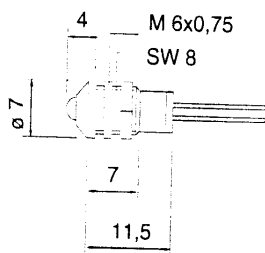
Zeichnungsnr. / Drawing No. 19010-B



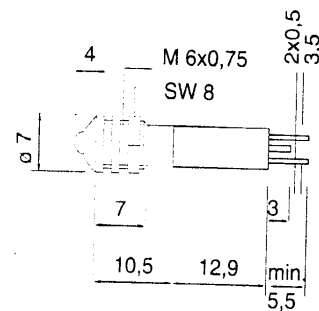
Zeichnungsnr. / Drawing No. 19010-C



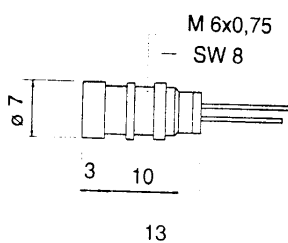
Zeichnungsnr. / Drawing No. 19020-A



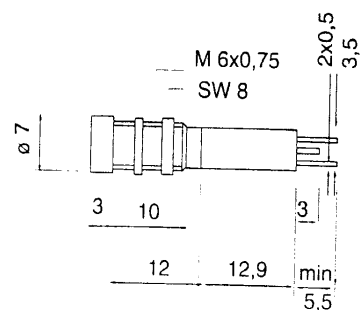
Zeichnungsnr. / Drawing No. 19020-B



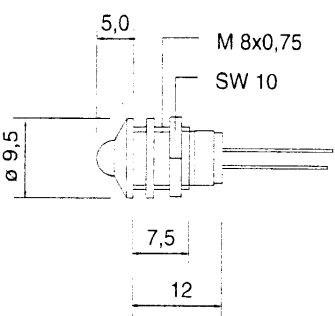
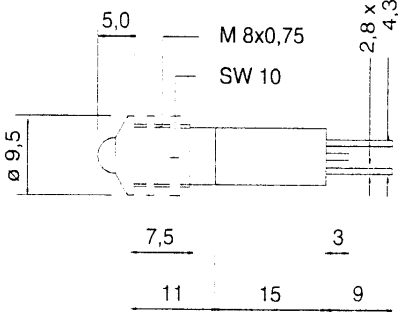
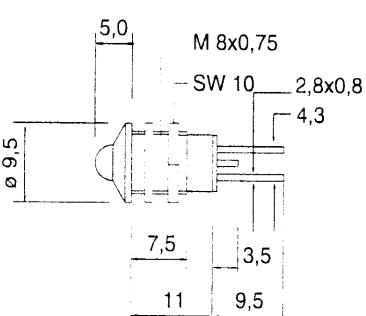
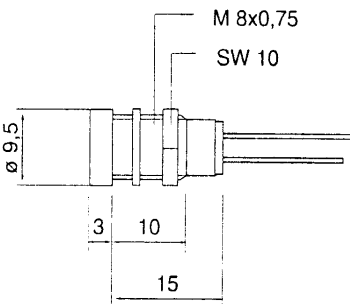
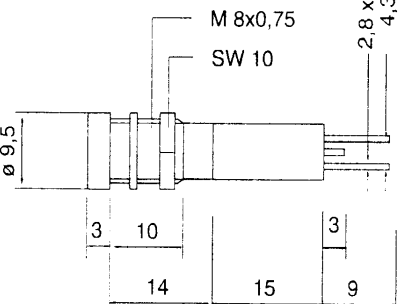
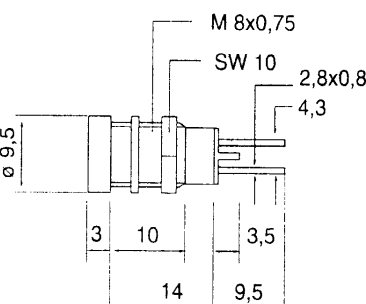
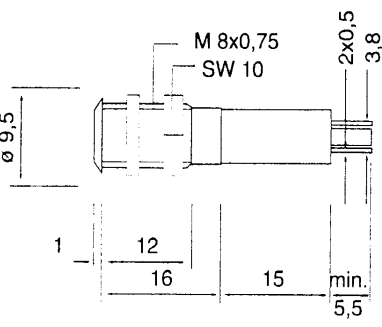
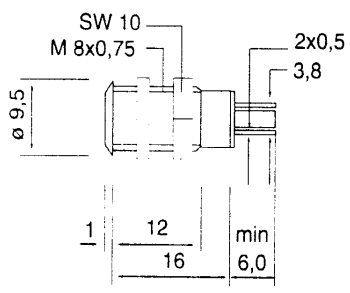
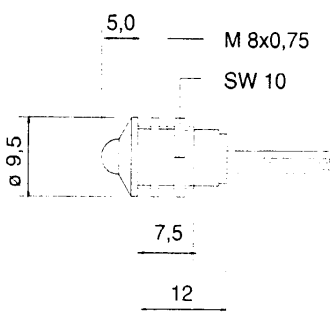
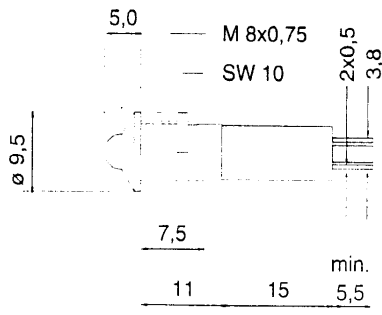
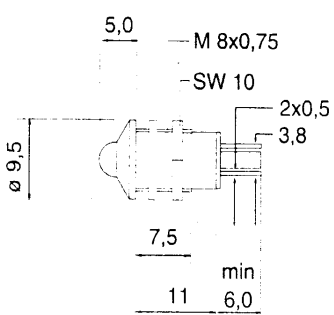
Zeichnungsnr. / Drawing No. 19030-A



Zeichnungsnr. / Drawing No. 19030-B

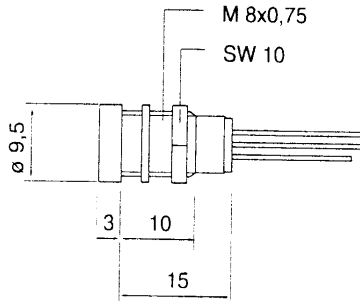


Abmessungen / Dimensions

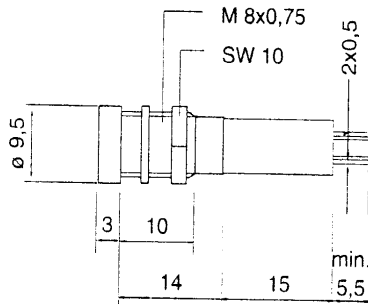
Zeichnungsnr. / Drawing No. 19040-A	Zeichnungsnr. / Drawing No. 19040-B	Zeichnungsnr. / Drawing No. 19040-C
		
Zeichnungsnr. / Drawing No. 19050-A	Zeichnungsnr. / Drawing No. 19050-B	Zeichnungsnr. / Drawing No. 19050-C
		
Zeichnungsnr. / Drawing No. 19100-B	Zeichnungsnr. / Drawing No. 19100-C	
		
Zeichnungsnr. / Drawing No. 19120-A	Zeichnungsnr. / Drawing No. 19120-B	Zeichnungsnr. / Drawing No. 19120-C
		

Abmessungen / Dimensions

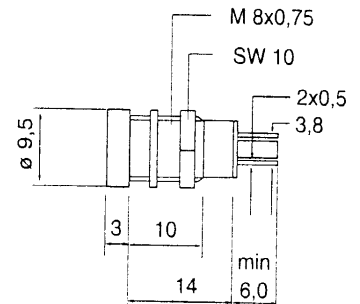
Zeichnungsnr. / Drawing No.
19130-A



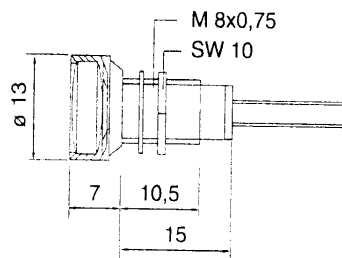
Zeichnungsnr. / Drawing No.
19130-B



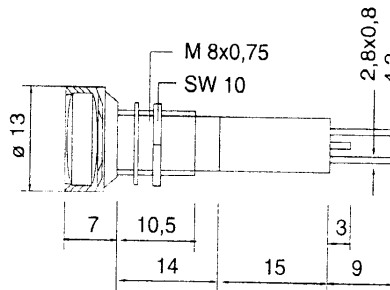
Zeichnungsnr. / Drawing No.
19130-C



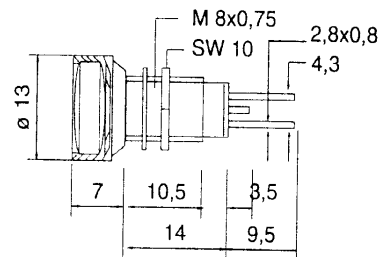
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19180-A



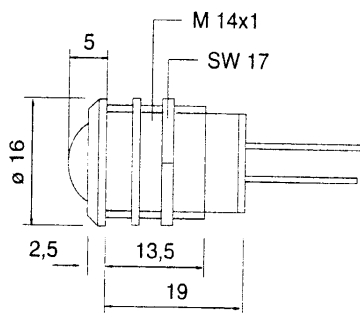
Zeichnungsnr. / Drawing No.
19180-B



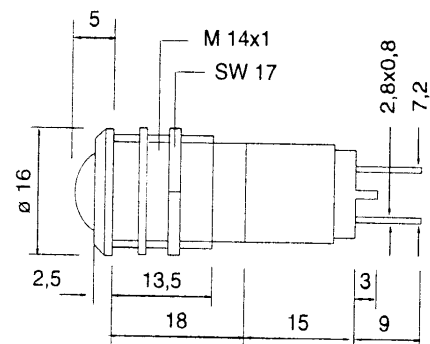
Zeichnungsnr. / Drawing No.
19180-C



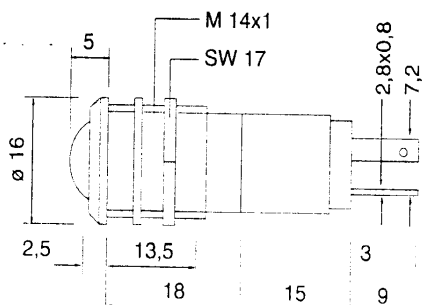
Zeichnungsnr. / Drawing No. 19210-A



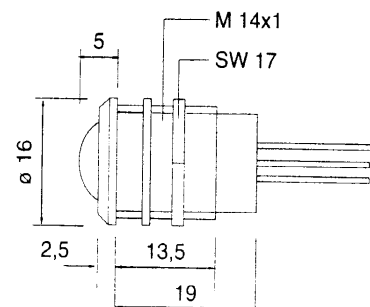
Zeichnungsnr. / Drawing No. 19210-B



Zeichnungsnr. / Drawing No. 19230-B

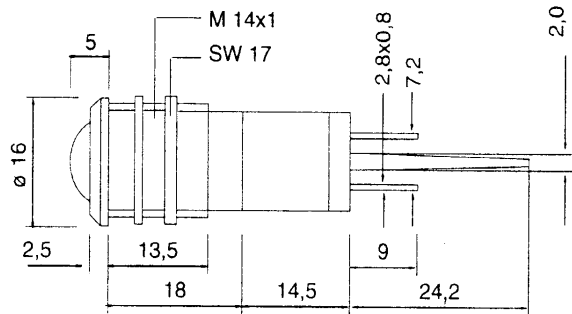


Zeichnungsnr. / Drawing No. 19240-A

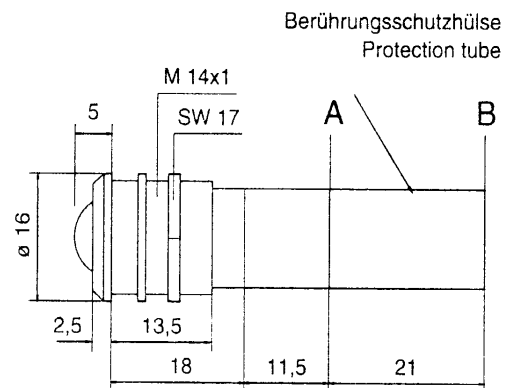


Abmessungen / Dimensions

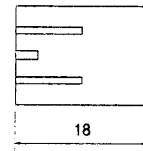
Zeichnungsnr. / Drawing No. 19300



Zeichnungsnr. / Drawing No. 19350



Schnitt / cut A - B



Mechanische Daten / Mechanical Data

Gehäuse: Messing verchromt und Polycarbonat
 Kontakte: Steckanschluß Messing
 Montage: Verschraubt
 Polarität: Anode (+) Steckkontakt Messing
 Kathode (-) Steckkontakt verzinnt

Harness: Chrome-plated brass and polycarbonat
 Contacts: Tab, brass
 Mounting: Screwnut
 Polarity: Anode (+) Tab brass
 Cathode (-) Tab tinned

Ergänzende Led Daten / Supplementary Led Data

Wellenlänge: rot 660 nm
 super rot 625 nm
 hyper rot 660 nm
 orange 610 nm für 230 V Version
 orange 625 nm
 grün 565 nm
 gelb grün 575 nm für 230 V Version
 gelb 590 nm
 blau 475 nm
 infrarot 950 nm

V_R : 5 V für Standardtypen
 100 V für Blinkleds
 1000 V für 230 V Leds

Wavelength : red 660 nm
 super red 625 nm
 hyper red 660 nm
 amber 610 nm for 230 V version
 amber 625 nm
 green 565 nm
 yellow green 575 nm for 230 V version
 yellow 590 nm
 blue 475 nm
 infrared 950 nm

V_R : 5 V for standardtypes
 100 V for flashing Leds
 1000 V for 230 V Leds

Wir verwenden für unsere Signalleuchten Leds von Kingbright
 For our Led Indicators we are using Leds from Kingbright





Vorschriften und Richtlinien zur Handhabung und Anwendung Regulations and guide-line for applications and handling



Achtung:

Die Anzeigen mit Steckanschluß sind **nicht für Lötanschluß geeignet**.

Verpolungsschutz - Die DC-Leds sind gegen Verpolung elektrisch nicht gesichert, mit Ausnahme der Blink-Leds. Ein Schutz gegen Verpolung muß bei der Bestellung extra angegeben werden.

Auf Wunsch kann ein Kunststoffgehäuse mit einer Temperaturfestigkeit von 210°C geliefert werden. Bitte bei Bestellung mit angeben.

Kunststoffteil nur bedingt chemikalienbeständig. Weitere Angaben auf Anfrage.

Note:

The indicators with tabconnection are **not qualified for soldering**.

Protection against confusing polarity - The DC-Leds are not electrically protected against confusion polarity, except the flashing Leds. If protection is required, it must be mentioned when ordering.

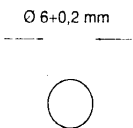
We can supply upon request a plastic housing for a working temperatur of 210°C. Please specify when ordering.

The plastic part is only limited resistant against chemicals. Further information upon request.

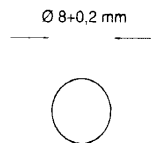
Die Auswahl und der technisch richtige Einbau unserer Produkte nach den entsprechenden Vorschriften (z.B. VDE 0100 und VDE 0160), obliegen dem Anwender.

The selection and technical correct installation of our Led-indicators, in accordance with the relevant regulations (e.g. VDE 0100 and VDE 0160) is incumbent on the user.

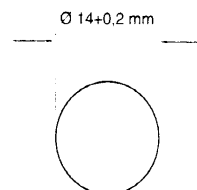
Bohrungen / Cut-outs



Für 3 mm / For 3 mm



Für 5 mm / For 5 mm

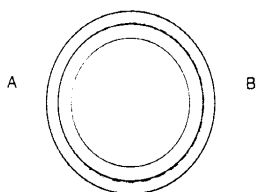


Für 10 mm / For 10 mm

Adapter zur Anpassung von vorgegebenen Bohrungen auf die Maße der Signalleuchten

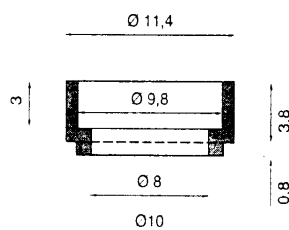
Anpassung von 8mm Anzeige auf 10mm Bohrung
Adaption of the 8mm indicator to 10mm cut-out

Anpassung von 14mm Anzeige auf 16mm Bohrung
Adaption of the 14mm indicator to 16mm cut-out

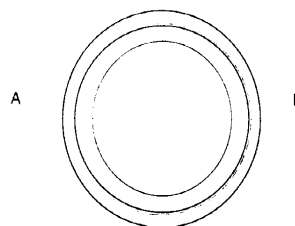


Maßstab: 2 : 1
scale: 2 : 1

Schnitt / cut A..B

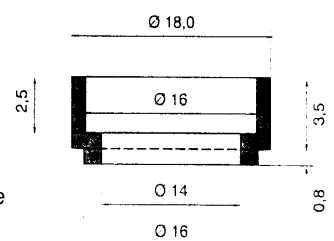


Material: Polycarbonat
Farbe: schwarz



Maßstab: 1,5 : 1
scale: 1,5 : 1

Schnitt / cut A..B



Material: polycarbonate
Colour: black