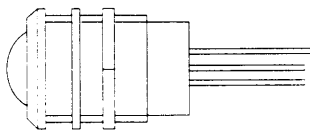
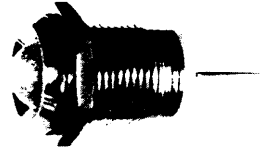
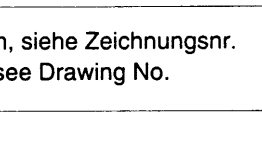
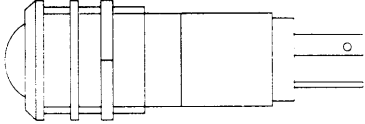

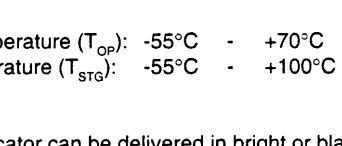


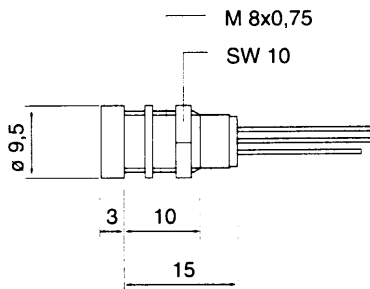
**Led Signalleuchten Einbaudurchmesser 14 mm**  
**Led Indicators Body diameter 14 mm**

**Duo Led / Trio Led**  
**Duo Led / Trio Led**

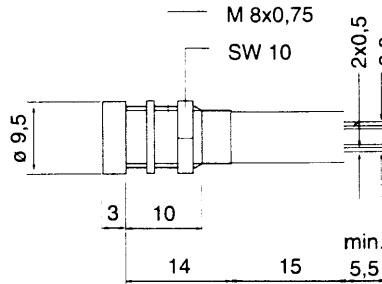
Bestell-Nr. Part No.	Farbe Colour	$V_{OP} +10\%$ (V)	$I_{OP\ max}$ (mA)	$V_F$ (V)	$I_{V\ typ}$ (mcd) $*I_F = 20mA$	$I_{F\ max}$ (mA)	Abb. Illu.	Abmessungen, siehe Zeichnungsnr. Dimensions, see Drawing No.	19240-A	A
<b>Duo Led</b>										
1923*154	Super red/ Green	6	30		26/26		B			
1923*254	Super red/ Green	12	30		26/26		B			
1923*354	Super red/ Green	24	22		20/20		B			
<b>Trio Led</b>										
1924*004	Super rot Super red			2,0	*20		A			
Beide Dioden Both diodes	Gelb Yellow			2,0/2,5						
	Grün Green			2,5	*20					
1924*054	Super rot Super red			2,0	*20		B			
Beide Dioden Both diodes	Gelb Yellow			2,0/2,5						
	Grün Green			2,5	*20					
1924*154	Super rot Super red	6	22		20		B			
Beide Dioden Both diodes	Gelb Yellow		44							
	Grün Green		22		20					
1924*254	Super rot Super red	12	22		20		B			
Beide Dioden Both diodes	Gelb Yellow		44							
	Grün Green		22		20					
1924*354	Super rot Super red	24	22		20		B			
Beide Dioden Both diodes	Gelb Yellow		44							
	Grün Green		22		20					
<p>Arbeitstemperatur (<math>T_{OP}</math>): -55°C - +70°C            Lagertemperatur (<math>T_{STG}</math>): -55°C - +100°C</p> <p>* Die Signalleuchte kann mit Glanzchrom oder Schwarzchrom geliefert werden. Die 5. Stelle der Bestellnummer wird mit 0 oder 1 codiert.</p> <p>Glanzchrom = 0                      Schwarzchrom = 1</p> <p>Beispiel:                      19230154 super rot / grün mit Glanzchrom                                                19231154 super rot / grün mit Schwarzchrom</p> <p><b>Schaltungsmöglichkeiten:</b></p> <p><b>Abb. A:</b>                      Rot oder grün, rot oder gelb, gelb oder grün.</p> <p style="text-align: center;"> <math>\begin{matrix} + &amp; \text{---} &amp; + &amp; &amp; + &amp; \text{---} &amp; + &amp; &amp; + &amp; \text{---} &amp; + \\ \text{rot} &amp; \text{---} &amp; \text{grün} &amp; &amp; \text{rot} &amp; \text{---} &amp; \text{gelb} &amp; &amp; \text{gelb} &amp; \text{---} &amp; \text{grün} \end{matrix}</math> </p> <p><b>Abb. B:</b>                      Rot, grün oder gelb. Beide Dioden ergeben gelb als Farbmischung.</p> <p style="text-align: center;"> <math>\begin{matrix} + &amp; \text{---} &amp; + \\ \text{rot} &amp; \text{---} &amp; \text{grün} \end{matrix}</math> </p>								<p>Abmessungen, siehe Zeichnungsnr. Dimensions, see Drawing No.                      19230-B                      B</p>		
<p>Operating temperature (<math>T_{OP}</math>): -55°C - +70°C            Storage temperature (<math>T_{STG}</math>): -55°C - +100°C</p> <p>* The Led indicator can be delivered in bright or black chrome reflector. The 5. digit has to be coded with 0 or 1.</p> <p>Bright chrome = 0                      Black chrome = 1</p> <p>Example:                      19230154 super red / green with bright chrome                                                19231154 super red / green with black chrome</p> <p><b>Operation modes:</b></p> <p><b>III. A:</b>                      Red or green, red or yellow, green or yellow.</p> <p style="text-align: center;"> <math>\begin{matrix} + &amp; \text{---} &amp; + &amp; &amp; + &amp; \text{---} &amp; + &amp; &amp; + &amp; \text{---} &amp; + \\ \text{red} &amp; \text{---} &amp; \text{green} &amp; &amp; \text{red} &amp; \text{---} &amp; \text{yellow} &amp; &amp; \text{yellow} &amp; \text{---} &amp; \text{green} \end{matrix}</math> </p> <p><b>III. B:</b>                      Red, green or yellow. Both diodes produce yellow as a mixed colour.</p> <p style="text-align: center;"> <math>\begin{matrix} + &amp; \text{---} &amp; + \\ \text{red} &amp; \text{---} &amp; \text{green} \end{matrix}</math> </p>								<p>Abmessungen, siehe Zeichnungsnr. Dimensions, see Drawing No.                      19230-B                      B</p>		
<p>Led Signalleuchten mit anderen Spannungen auf Anfrage            Technische Änderungen vorbehalten</p>								<p>Led Indicators with other voltages upon request            Specification subject to change without notice</p>		

# Abmessungen / Dimensions

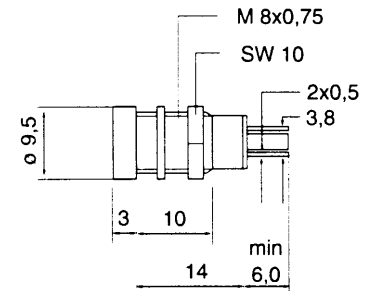
**Zeichnungsnr. / Drawing No.**  
19130-A



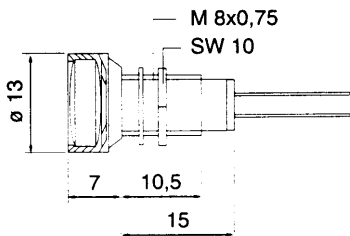
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19130-B



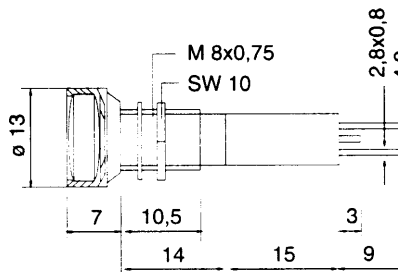
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19130-C



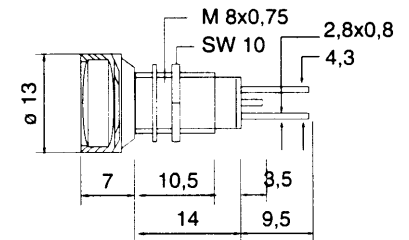
**Zeichnungsnr. / Drawing No.**  
19180-A



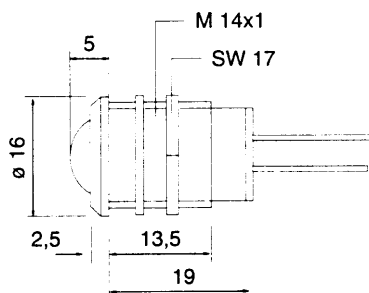
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19180-B



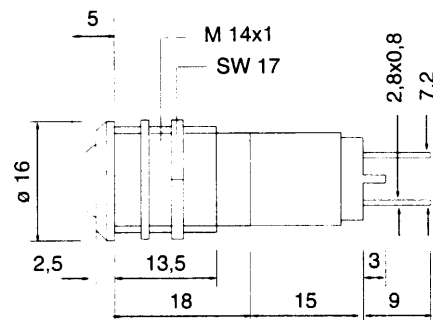
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19180-C



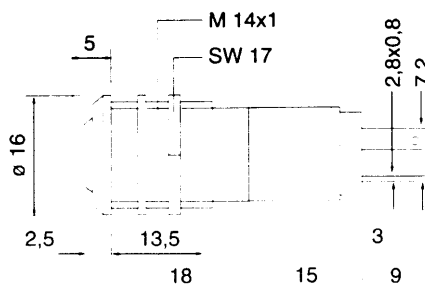
**Zeichnungsnr. / Drawing No.** 19210-A



**Zeichnungsnr. / Drawing No.** 19210-B



**Zeichnungsnr. / Drawing No.** 19230-B



**Zeichnungsnr. / Drawing No.** 19240-A

