

**Technical Data****Material****Actuator**

Reflector: Brass satin chrome/black chrome  
for indicator 16mm dia. in black plastic  
The plastic (polycarbonate) is limited resistant against chemicals

**Mechanical characteristics****Terminals**

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

**Tightening torque**

20 Ncm

**Electrical characteristics****Polarity**

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

**Operating voltage tolerance**

+10 %

Operating current tolerance

±15 %

**Optical characteristics****Wave length**

red	660 nm
super red	625 nm
hyper red	660 nm
orange	625 nm (for execution 230V: 610 nm)
green	565 nm
yellow/green	570 nm (for execution 230V: 575 nm)
yellow	590 nm
blue	475 nm
red/green	660/565 nm
red/yellow	660/590 nm

**Environmental conditions****Storage temperature**

-25 °C ... +80 °C

**Service temperature**

-20 °C ... +60 °C

**Protection degree**

front IP 40

IP 67 as per DIN EN 60529 - Gap between LED and reflector and gap between reflector and frontplate sealed to IP 67 when using the supplied gasket

**Approvals****Approbations**

UL  
VDE



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