

## Signal lamps with integrated LED - 10 mm, protruding LED - without resistor

1.69.525.051/0000



### General information

Form of lens	LED protruding
Color of lens	red
Diameter of collar	12.5 mm

### Dimensions

Overall height	7.7 mm
Mounting depth	30.5 mm
Mounting hole	10 mm

### Mechanical design

Mounting	pressing into hole
Terminals	quick connector 2.8 x 0.8 mm
Lamp socket	no
Lamp	red

### Electrical characteristics

Operating voltage $U_B$	according to series resistor 6 - 28 V
Integrated currency resistor	no
Forward voltage $U_F$ at 25 °C	at 20 mA forward current 2.4 V
Reverse voltage $U_R$ at 25 °C	3 V
Forward current, $I_F$	max. 20 mA
Reverse current $I_R$ at 25 °C	100 $\mu$ A
Power dissipation $P_{tot}$ at 25 °C	max. 120 mW
Light intensity	1000
Protecting diode	yes

### Other specifications

Degree of protection from front side	IP40 (DIN EN 60529)
Weight	2.44 g
ROHS compliant	yes
REACH compliant	yes

## Panel cut-out

