

# Stack light LED permanent light element

# VAZ-LED-70MM-RD

- Modular design
- Flexible combination of signal elements
- Bayonet system for simple mounting and dismounting
- Long lifetime
- 70-mm-series

Stack light LED permanent light elementt, red







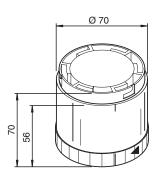
### **Function**

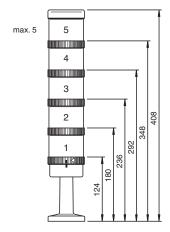
The LED permanent light element converts electrical signals to optical signals.

The light element is available in various colours and the bayonet type connector allows easy installation on the corresponding terminal. The modular design permits user-defined combinations and reduces operation costs and storage costs.

The illuminant based on LED technology is integrated in the spherical cap and features an excellent illumination, good resistance against shock and vibration as well as a long service life, which also means good MTBF figures (Mean Time Between Failures).

#### **Dimensions**





## **Technical Data**

General specifications		
UL File Number		E223176
Color		red
Functional safety related parameters		
MTTF <sub>d</sub>		8700 a
Electrical specifications		
Rated operating voltage	U <sub>e</sub>	24 V AC/DC
Rated operating current	l <sub>e</sub>	≤ 35 mA at 24 V DC 36 mA at 30.5 V (AS-Interface)
Protection class		III
Directive conformity		
Electromagnetic compatibility		

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#### **Technical Data** EN 60947-5-1 EN 60947-1 Directive 2014/30/EU Standard conformity Degree of protection EN 60529 **Ambient conditions** Ambient temperature -20 ... 50 °C (-4 ... 122 °F) **Mechanical specifications** Degree of protection IP65 Connection Bayonet system Life span Min. 100,000 hours = 11.4 years (continuous operation)

# **Matching System Components**

VAZ-CLAMP-70MM-90°	Stack light terminal base with cover plate
VAZ-70MM-IO	Signal tower connection element IO-Link with cover