

LED element, Flat Rear, blue, front mounting

**Part no.** M22-FLED-B  
**Catalog No.** 180796  
**Alternate Catalog No.** M22-FLED-B  
**EL-Nummer (Norway)** 4315747

## Delivery program

Basic function accessories			LED elements
Description			Cage Clamp is a registered trademark of Wago Kontakttechnik GmbH/Minden, Germany
Connection technique			Cage Clamp, Push-in
Fixing			Front fixing
Rated operational voltage	$U_e$	V	12 - 30 V AC/DC, 50/60 Hz (Standard 24 V AC/DC)
<b>Rated operational current</b>	$I_e$	mA	5 - 15
Power consumption	$P_{max.}$	W	0.26
Lifespan to EN 60064 at $t_a = +25\text{ °C}$	$t_{mean} (AC)$	h	100000
Degree of Protection			IP20
			at 24 V
<b>Colour</b>			Blue
Connection to SmartWire-DT			no
Connection technique			Cage Clamp, Push-in
<b>Notes</b>			
For indicator lights, illuminated pushbutton actuators, and illuminated selector switch actuators, the following applies:			
M22...-R only in combination with M22-FLED...-R			
M22...-G only in combination with M22-FLED...-G			
M22...-W only in combination with M22-FLED...-W			
M22...-Y only in combination with M22-FLED...-W			
M22...-B in combination with M22-FLED...-W or M22-FLED...-B			

## Technical data

<b>General</b>			
Standards			IEC 60947-5-1
Degree of Protection			IP20
Climatic proofing			Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30 Dry heat to IEC 60068-2-2
Ambient temperature			
Open		°C	-25 - +70
Storage		°C	- 40 - + 85
Mounting position			As required
Mechanical shock resistance according to IEC 60068-2-27 Shock duration 11 ms, half-sinusoidal		g	> 50
Terminal capacities		mm <sup>2</sup>	
Solid		mm <sup>2</sup>	1 x 1 (0.2 - 1.5) 1 x 1 (075 - 1.5) Can be plugged without tools
Stranded		mm <sup>2</sup>	1 x 1 (0.2 - 1.5)
Flexible with ferrule		mm <sup>2</sup>	1 x 1 (0.25 - 1) Use WAGO Variocrimp 4 crimping tool; please enquire for others
Solid or stranded		AWG	20

## Contacts

Rated impulse withstand voltage	$U_{imp}$	V AC	4000
Rated insulation voltage	$U_i$	V	250

Overvoltage category/pollution degree		III/3
Indoor and protected outdoor installation		

## Design verification as per IEC/EN 61439

Technical data for design verification		
Operating ambient temperature min.	°C	-25
Operating ambient temperature max.	°C	70

## Technical data ETIM 8.0

Low-voltage industrial components (EG000017) / Lamp holder block for control circuit devices (EC000204)		
Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Bulb socket block for command and alarm devices (ecl@ss10.0.1-27-37-12-09 [AKF027014])		
Transformer integrated		No
With integrated voltage decreasing resistor		No
With light source		Yes
With integrated diode		Yes
Lamp holder		None
Rated voltage Ue at AC 50 Hz	V	12 - 30
Rated voltage Ue at AC 60 Hz	V	12 - 30
Rated voltage Ue at DC	V	12 - 30
Voltage type for actuating		AC/DC
Lamp type		LED
Connection type auxiliary circuit		Spring clamp connection
Colour lamp		Blue
Type of fastening		Front fastening