



Micro push button switch 145MTR/MTG

With night and function illumination.

Micro push button switch 145MR with function and night illumination is equipped with practical snap-in mounting. This Micro push button switch is designed for applications in which only low currents flow and a mechanical switch cannot therefore be used. Micro push button switch 145MR/MG, with the two-colour illumination function, is ideally suited for use in the automotive engineering sector, e.g. in joystick handles or armrests. The switching element, which is completely separated from the mechanics, resists dust, dirt and moisture, thanks to its IP67 protection class.

Technical specifications

- 2 illumination colours can be controlled
- Long service life thanks to the magnetic actuation principle
- Available with various button colours and symbols to suit the application
- Wear-free reed contacts for low switching currents
- 2.5mm button stroke
- IP67 protection class for harsh operating conditions
- Optionally available with NAMUR wiring
- Can be connected with various common connectors e.g. Molex or AMP

Technical drawing

IMAGE 1/2

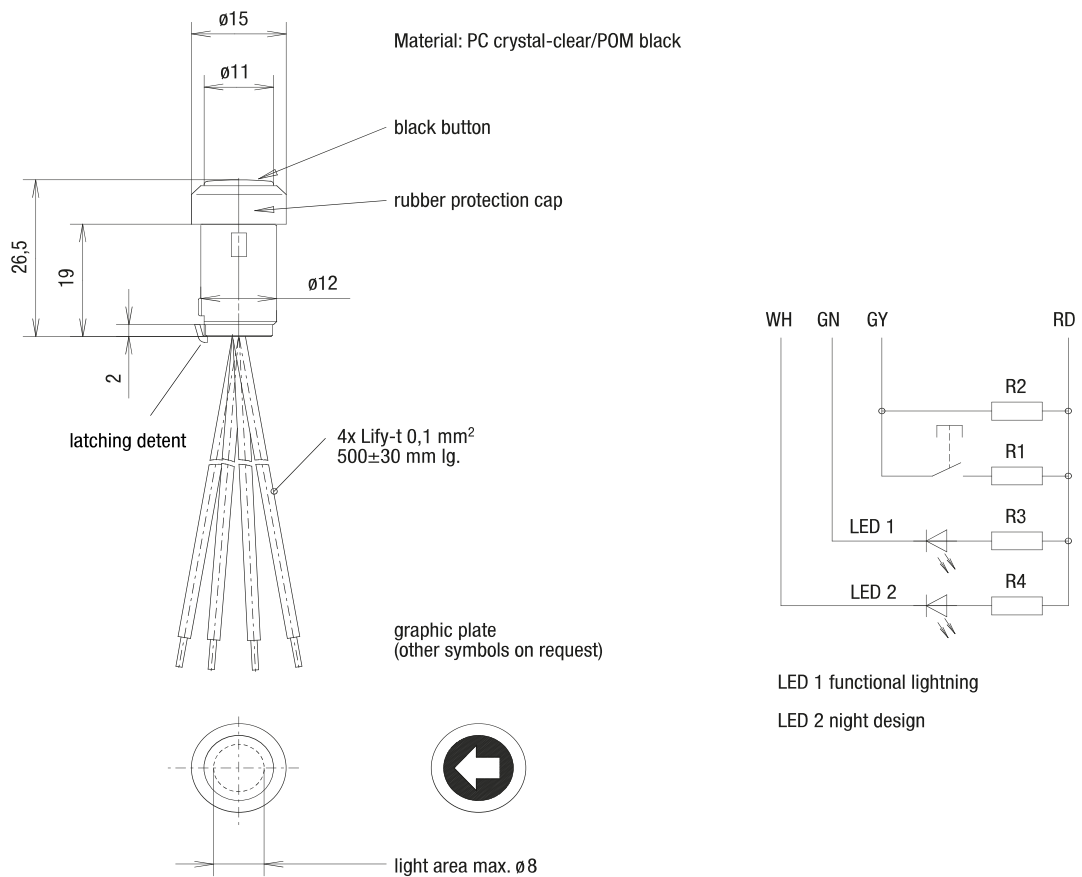
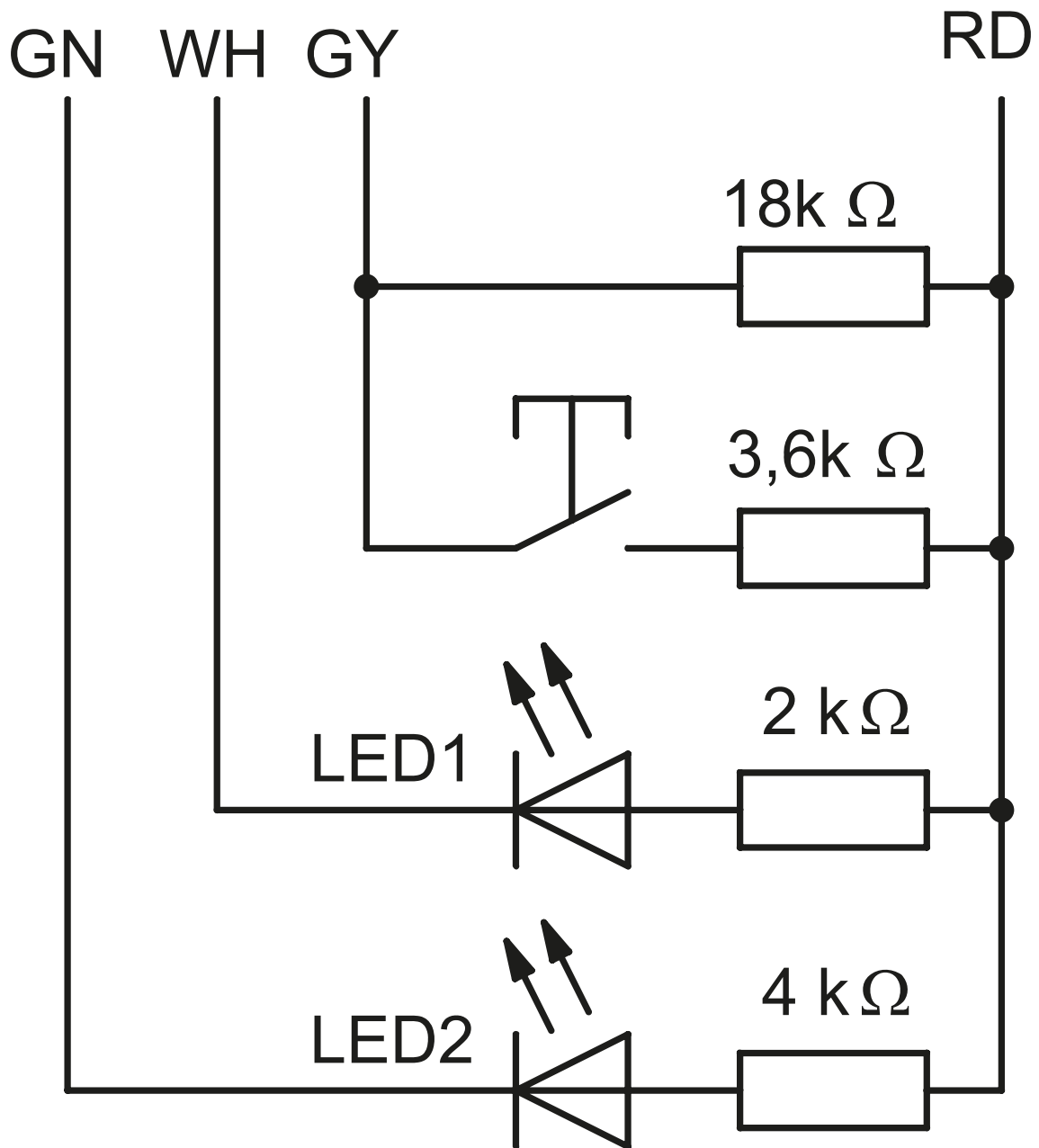


IMAGE 2/2



LED1 function illumination

LED2 night illumination

Product options

IMAGE 1/2

Actuator colors



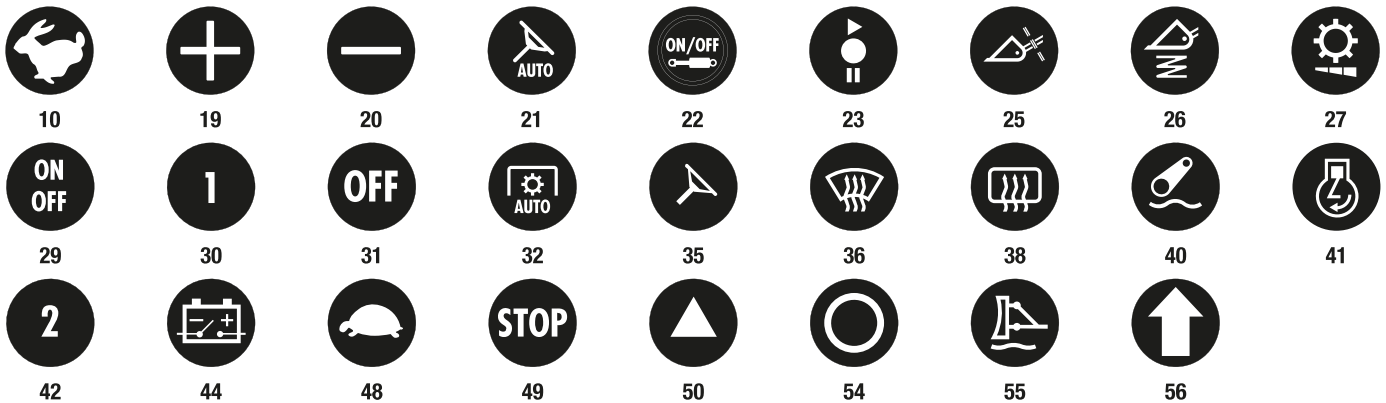
Night and function illumination



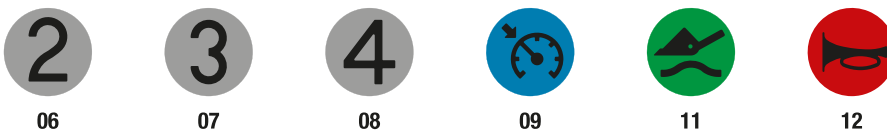
IMAGE 2/2

Icons for push button 145 MR/MG

Icon colour: translucent



Icon colour: black



Additional versions are available on request. The push button caps can optionally be printed with symbols.

Additional symbols in accordance with DIN ISO 7000:2008-12 are available on request.

Article characteristics

Attribute	145MR...	145MG...
Max. switching voltage	24 V DC	
Max. switching current	0.1 A	
Max. switching power	1 VA	
Max. switching power	1 W	
Service life, mechanical (Cycles)	2000000	
Protection class, electronic	IP67 DIN EN 60529	
Operating temperature min.	-40 °C	
Max. operating temperature	85 °C	
Min. storage temperature	-40 °C	
Max. storage temperature	85 °C	
Installation	from above	
Mounting type	Latching detent	screwed
Thread	-	M12
Cable length	0.5 m	