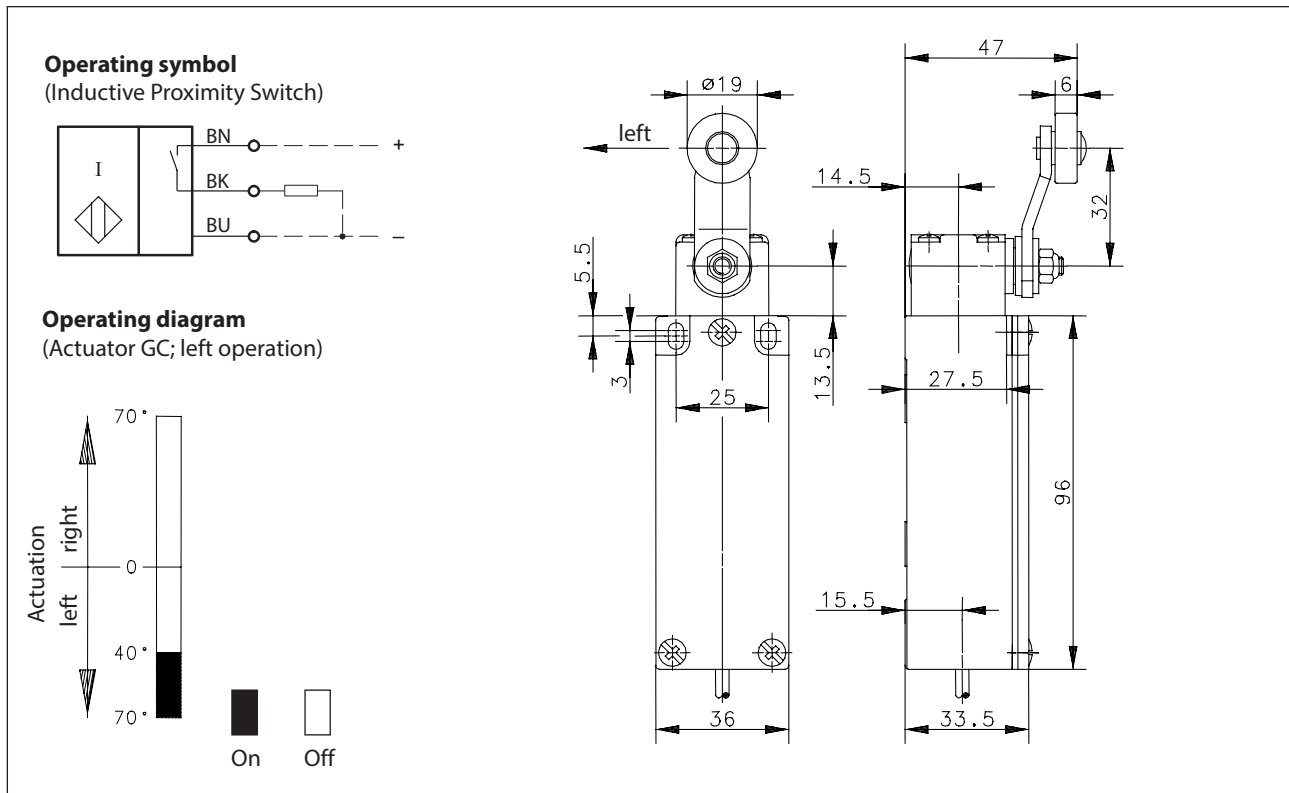


## Metal bodied limit switch Series GC

Description **GC-PNP AHSRK /1**

Article number **6122785892**



### Electrical Data

Switching element function		DC NO
Rated operational voltage	$U_e$	12 - 48 V DC
Operational voltage range	$U_B$	10 - 60 V DC
Rated insulation voltage	$U_i$	75 V DC
Rated impulse withstand voltage	$U_{imp}$	500 V
Voltage drop	$U_d$	$\leq 2,5$ V
Utilization category		DC-13 at $I_e = 50$ mA and $U_e = 33$ V DC
Rated operational current	$I_e$	200 mA
Minimum operational current	$I_m$	$\leq 1$ mA
Off-state current	$I_r$	$< 0,1$ mA
No-load supply current	$I_o$	$< 11$ mA
Switching element		permanent short-circuit and overload protected
Short-circuit protection		pulsed
False polarity protection		yes
Delay prior	$t_v$	$\leq 50$ ms

Electromagnetic compatibility (EMC)	
Electromagnetic field test	IEC 61000-4-3
Electrostatic discharge test	IEC 61000-4-2
Electrical fast transient immunity test	IEC 61000-4-4
Radiated disturbance field strength	EN 55011

Mechanical data	
Enclosure	Die-cast aluminium
Cover	Sheet aluminium
Actuator	Lever arm housing (Zn-DG), lever (stainless steel) and depp groove ball bearings
Ambient air temperature	-25 °C ... +70 °C (cable fixed mounted)
Mechanical life	10 x 10 <sup>6</sup> operating cycles
Switching frequency	≤ 100 / min.
Assembly	2 x M4
Connection	Cable 3 x 0,14mm <sup>2</sup> x 1,9 m ±5 %, PVC - Outer jacket, black
Weight	≈ 0,27 kg
Installation position	operator definable
Protection type	IP67 acc. to IEC/EN 60529

Actuation	
<p>The actuator can be approached from 2 sides and operated from 1 side.                      By loosening the 4 screws the actuation assembly can be rotated in 90 degree increments such that 8 actuation directions and 4 operating directions are possible. The actuation assembly is to be again fastened to the housing using the 4 screws.</p>	

Standards	
<p>DIN EN 60947-5-2                      (related to the built-in proximity switch)</p>	

EU Conformity	
<p>acc. to directive 2014/30/EU (EMC-Directive)</p>	