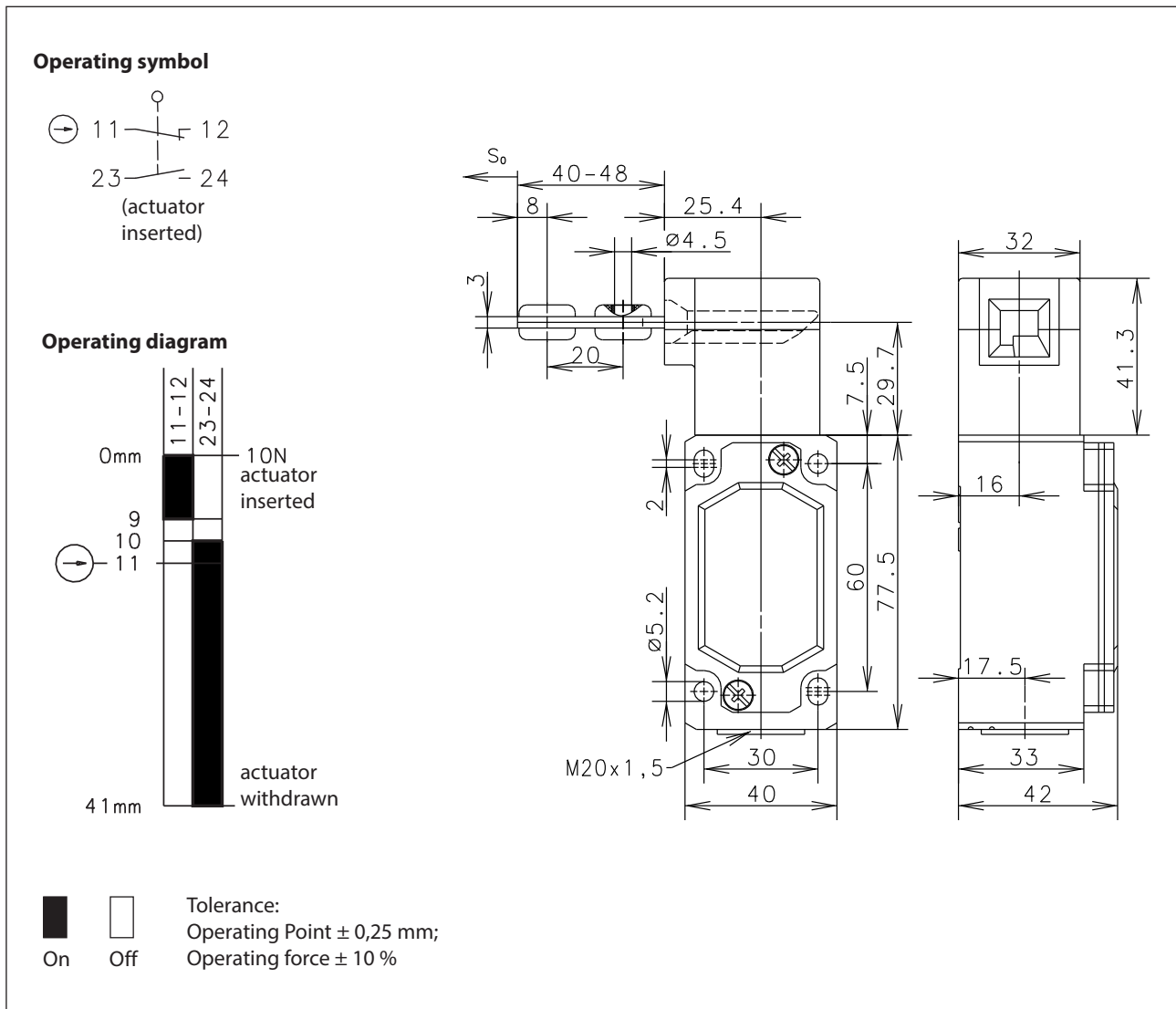


Metal bodied limit switch Series ENM2

Description **ENM2-U1Z VTW 90GR**

Article number **6016219101**



Electrical Data

Rated insulation voltage	U_i	400 V AC
Conv. thermal current	I_{the}	10 A
Rated operational voltage	U_e	240 V
Utilization category		AC-15, U_e/I_e 240 V / 3 A
Direct opening action	\ominus	acc. to IEC/EN 60947-5-1, annex K
Short-circuit protective device		Fuse 10 A gG
Protection class		I

Mechanical data	
Enclosure	Die-cast aluminium
Cover	Sheet aluminium
Actuator	Separate actuator (St / PA)
Minimum actuating radius	R_{min} 400 mm
Velocity for actuating	V_{max} $\leq 1,5$ m/s
Extraction force	≤ 25 N
Ambient air temperature	-30 °C ... +80 °C
Contact type	1 N.C., 1 N.O. (Zb)
Mechanical life	1 x 10 ⁶ operating cycles
Switching frequency	≤ 50 / min.
Assembly	4 x M5
Connection	4 screw connections (M3,5)
Conductor cross-sections	Solid: 0,5 ... 1,5 mm ² or Litz wire with ferrules: 0,5 ... 1,5 mm ²
Cable entrance	1 x M20 x 1,5
Weight	$\approx 0,33$ kg
Installation position	operator definable
Protection type	IP65 acc. to EN 60529

ID for safety engineering	
B10d	2 x 10 ⁶ cycles

Standards	
	VDE 0660 T100, DIN EN 60947-1, IEC 60947-1
	VDE 0660 T200, DIN EN 60947-5-1, IEC 60947-5-1
	DIN EN ISO 13849-1

EU Conformity	
	acc. to directive 2006/42/EC

Approvals	
	$c_{CSA_{US}}$ A300 (same polarity)
	CCC
	DGUV

Notes	
The degree of protection specified (IP code) applies only to a properly closed cover and the use of an equivalent cable gland.	