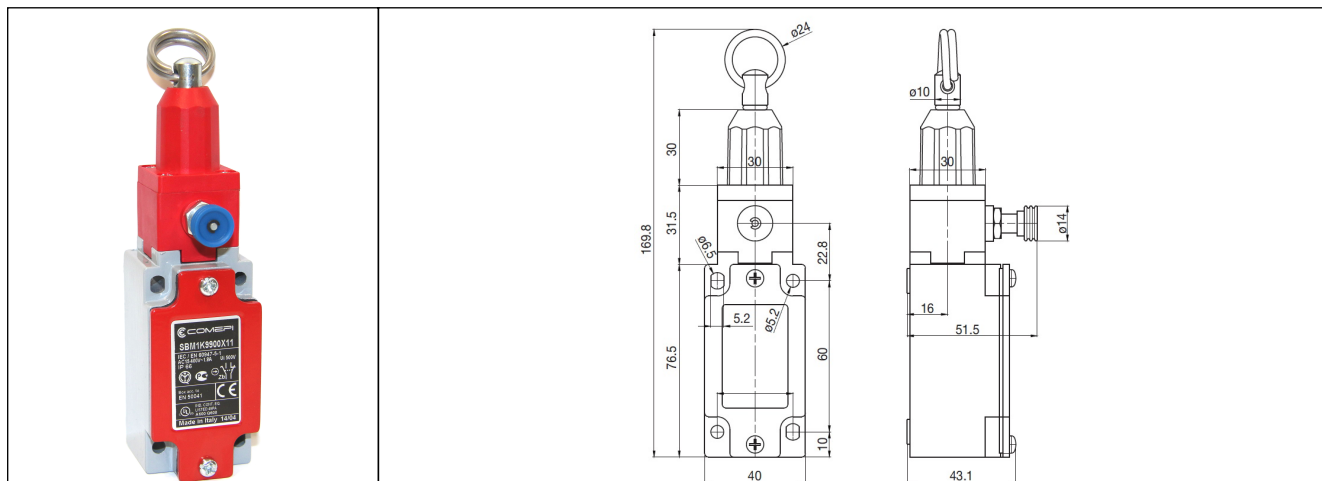
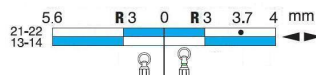
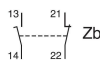


Code	Description
SBM5K9900X11	Limit switch
Casing	Safety limit switch - Aluminium casing IP66 - 40mm width - 1 cable inlet
Electical connection	Cable inlet(s) for M20x1,5 cable gland
Operation head	Pull wire with reset for emergency stop
Contacts	X11: Non overlapping slow action contacts 1NO+1NC



Travel and Operation Diagram

X11: Non overlapping slow action contacts 1NO+1NC



Positive Opening
Operation
according to
IEC 947-5-1



General Technical Data

Standards			Metal Casing	
Certifications - Approvals			Devices conform with international IEC 947-5-1 and European EN 60 947-5-1 standards	
Air temperature near the device			UL - CSA - IMQ	
- during operation	°C		- 25 ... + 70	
- for storage	°C		- 30 ... + 80	
Protection against electrical shocks (according to IEC 536)			Class I	
Degree of protection (according to IEC 529 and EN 60 529)			IP 66**	
Rated insulation voltage U_i			500 V (degree of pollution 3) (400 V for contacts type X12P, X21P, W03P) A 600, Q 600 (A 300, Q 300 for contacts type X12P, X21P, W03P)	
Rated impulse withstand voltage U_{imp} (according to IEC 947-1 and EN 60 947-1)			kV	6
Conventional free air thermal current I_{th} (according to IEC 947-5-1 and EN 60 947-5-1) $\theta < 40$ °C			A	10
Short-circuit protection			A	10
$U_e < 500$ V a.c. - gG (gl) type fuses				
Rated operational current				
I_e / AC-15 (according to IEC 947-5-1)	24 V - 50/60 Hz	A	10	
	120 V - 50/60 Hz	A	6	
	230 V - 50/60 Hz	A	3.1	
	240 V - 50/60 Hz	A	3	
	400 V - 50/60 Hz	A	1.8	
I_e / DC-13 (according to IEC 947-5-1)	24 V - d.c.	A	2.8	
	125 V - d.c.	A	0.55	
	250 V - d.c.	A	0.27	
Switching frequency			Cycles/h	3600
Load factor				0.5
Resistance between contacts			mΩ	< 25
Connecting terminals			M3.5 (+, -) pozidriv 2 screw with cable clamp (M3 for 3 poles contacts type)	
Terminal for protective conductor			M3.5 (+, -) pozidriv 2 screw with cable clamp	
Connecting capacity			1 or 2 x mm ²	0.75 ... 2.5 (0.34... 1.5 for 3 poles contacts type)
Terminal marking			According to EN 50 013	
Mechanical durability			Millions of operations	30 25 10

** BM•E54 - P92 - E92 - P93 - E93: PROTECTION DEGREE IP65. - For the complete list of approved products contact our technical department.

IMQ listed values

Comepi Srl

23899 Robbiate (Lecco) Italy - Via Novarino 9/L Tel. +39 039 9903468 Fax +39 039 9906203

www.comepi.it comepi@comepi.it

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