

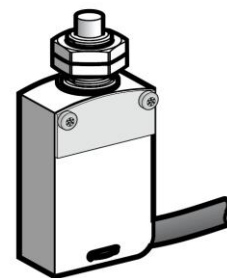


Technical datasheet

XCSM37F0L1

Limit switches

Miniature design, metal, type XCS M



Environment Characteristics

Conforming to standards	Products	IEC 60947-5-1, EN 60947-5-1, UL508, CSA C22-2 n°14
	Machine assemblies	EN/IEC 60204-1, EN/ISO 14119
Product certifications		CE, UL, CSA
Protective treatment		TC
Storage temperature		-40°C to +70°C
Operation temperature		-25°C to +70°C
Vibration resistance	IEC 60068-2-6	25gn, (10 ... 500Hz)
Shock resistance	IEC 60068-2-27	25gn, time 18 ms
Electric shock protection	IEC 61140	Class I
Degree of protection	IEC 60529, EN 50102	IP66, IP67 IK06
Repeat accuracy		0,05mm on the tripping points, with 1 million operating cycles for head with end plunger
Electrical connection		PvR cable, 7 x 0.5mm², length 1m

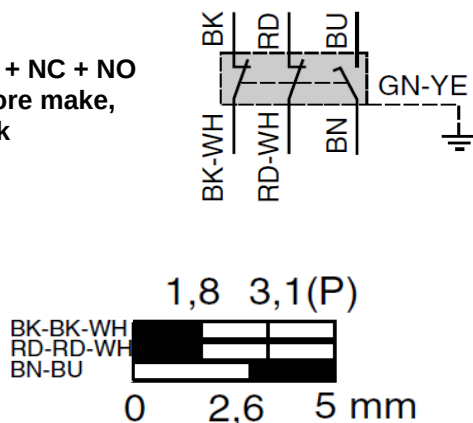
Contact block Characteristics

Rated operational characteristics	IEC 60947-5-1 appendix A	~ AC-15 B300 (Ue = 240 V , Ie = 1,5A)
	EN 60947-5-1	~ DC-13 R300 (Ue = 250 V , Ie = 0,1 A)
Rated insulation voltage	EN 60947-1	Ui = 400V degree of pollution 3
	UL508, CSA C22-2 N° 14	Ui = 300V
Rated impulse withstand voltage	IEC60947-1, IEC 60664	U imp = 4 KV
Resistance across terminals	IEC 60255-7 category 3	≤ 25mΩ
Short-circuit protection		6 A cartridge fuse type gG (gl)
Minimum actuation speed (for head with end plunger)		6 m/minute
Electrical durability	IEC 60947-5-1 appendic C	5 million operating cycles
	3600 operating cycles/hour	DC-13, 24V->4W

Connections

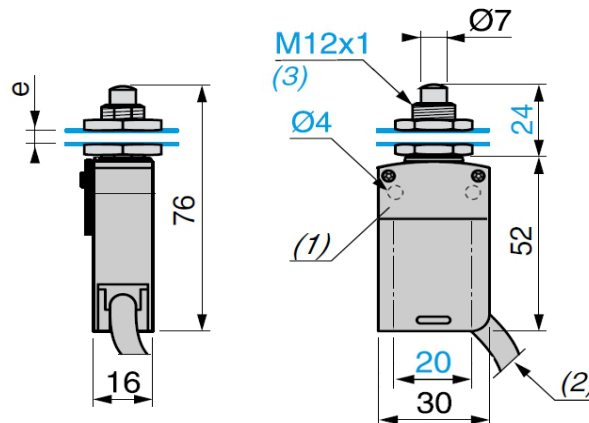
Dimensions

3-pole NC + NC + NO
break before make,
slow break



■ = Closed
□ = Open

(P) = positive opening point



e : 8mm max, panel cut-out Ø 12.5mm.

(1) Protective plate fixed by 5-lobe torque safety screws.

(2) External diameter of cable 7.5 mm.

(3) Fixing nut thickness 3.5mm.