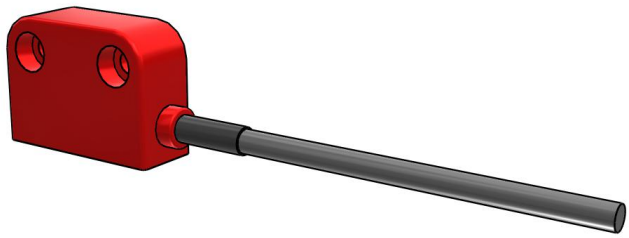
PRODUCT DESCRIPTION:
SMP_1AL_L

PRODUCT CODE:
SMP1A11L020L

DYNAMIC 3D VIEW:

STATIC 3D VIEW:



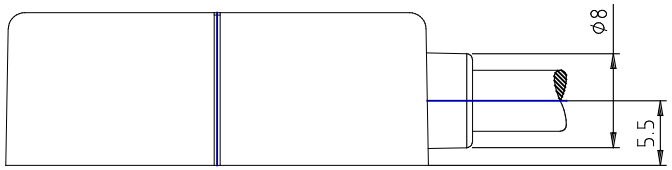
Datasheet creation date: 20/08/2024 16:58

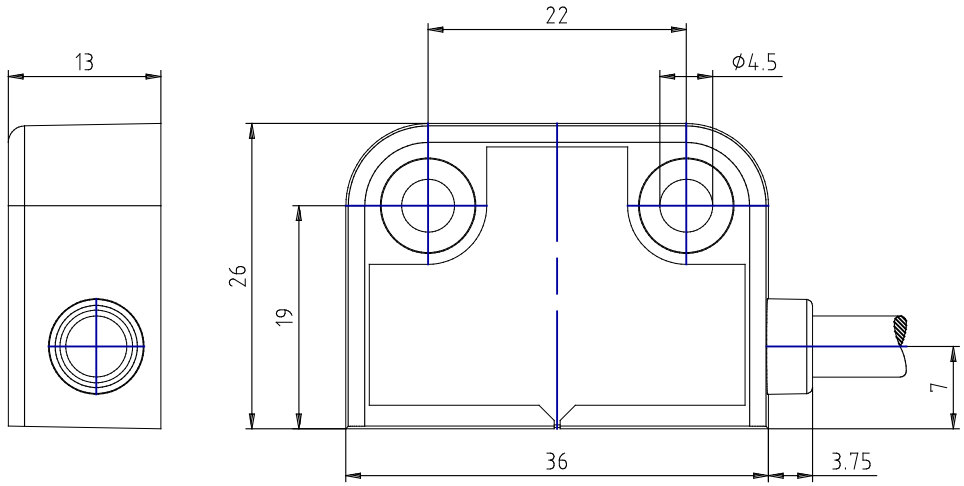
tel. +39 039 9906408
+39 039 9903468
fax +39 039 9906203

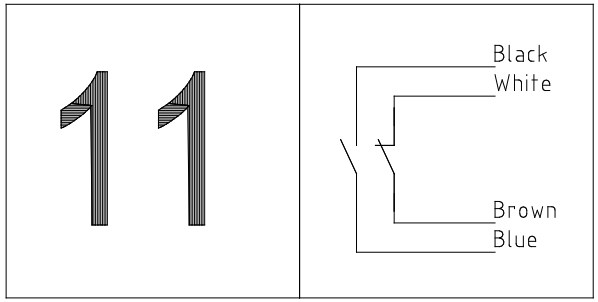
Via Novarino 9/L
23899 Robbiate (LC)
ITALY

www.comepi.it
comepi@comepi.it
tecnico@comepi.it

TECHNICAL VIEW:







Datasheet creation date: 20/08/2024 16:58

tel. +39 039 9906408
+39 039 9903468
fax +39 039 9906203

Via Novarino 9/L
23899 Robbiate (LC)
ITALY

www.comepi.it
comepi@comepi.it
tecnico@comepi.it

DETAILS:

Part Number	SMP1A11L020L
Width [mm]	36
Reference Directives	2014/35/UE - 2006/42/CE - 2014/30/UE
Reference Standards	IEC 60947-5-1 / EN 60947-5-1 / EN ISO 14119 / EN ISO 13849-1 / EN ISO 13849-2
Interlock type according to EN ISO 14119	Type 4
Encoding level according to EN ISO 14119	Low
Approvals	CE
Casing Material	Reinforced thermoplastic
Fixing holes	22
LED indicator	Yes
Internal contacts	(1NO + 1NC)
Contact type	REED contacts
Switching distance	5mm
Electrical connection	2m cable PVC 4x0.25
Connection side	Left
Mounting positions	All positions allowed
Operating temperature [°C]	-25°C ... +80°C
Stock temperature [°C]	-25°C ... +80°C
IP protection degree according to EN 60529	IP67
Degree of pollution according to IEC 60947-5-1	3
SIL level according to EN 62061	Up to Sil 3
Performance Level according to EN ISO 13849-1	Up to PLe
Safety Category according to EN ISO 13849-1	Up to Cat 4
B10d [Millions of operations]	20.000.000 using the sensor with MS1A31 COMEPI safety module
Rated Insulating Voltage [V]	120
Rated Impulsive Voltage [V]	6000
Conventional thermal current in air free Ith (θ min 40 ° C) [A]	0.25
Operating voltage Ue [V]	24
Rated operational current Ie [A]	0.25 (resistive load)
Maximum resistive load [W]	6 (0.25A for F type)
Electric durability [Operations]	1000000

PRODUCT DRAWING RELEASE:

Datasheet creation date: 20/08/2024 16:58

Last Modification (geometry): 13/08/2020 12:10

tel. +39 039 9906408
+39 039 9903468
fax +39 039 9906203

Via Novarino 9/L
23899 Robbiate (LC)
ITALY

www.comepi.it
comepi@comepi.it
tecnico@comepi.it