

### Main characteristics

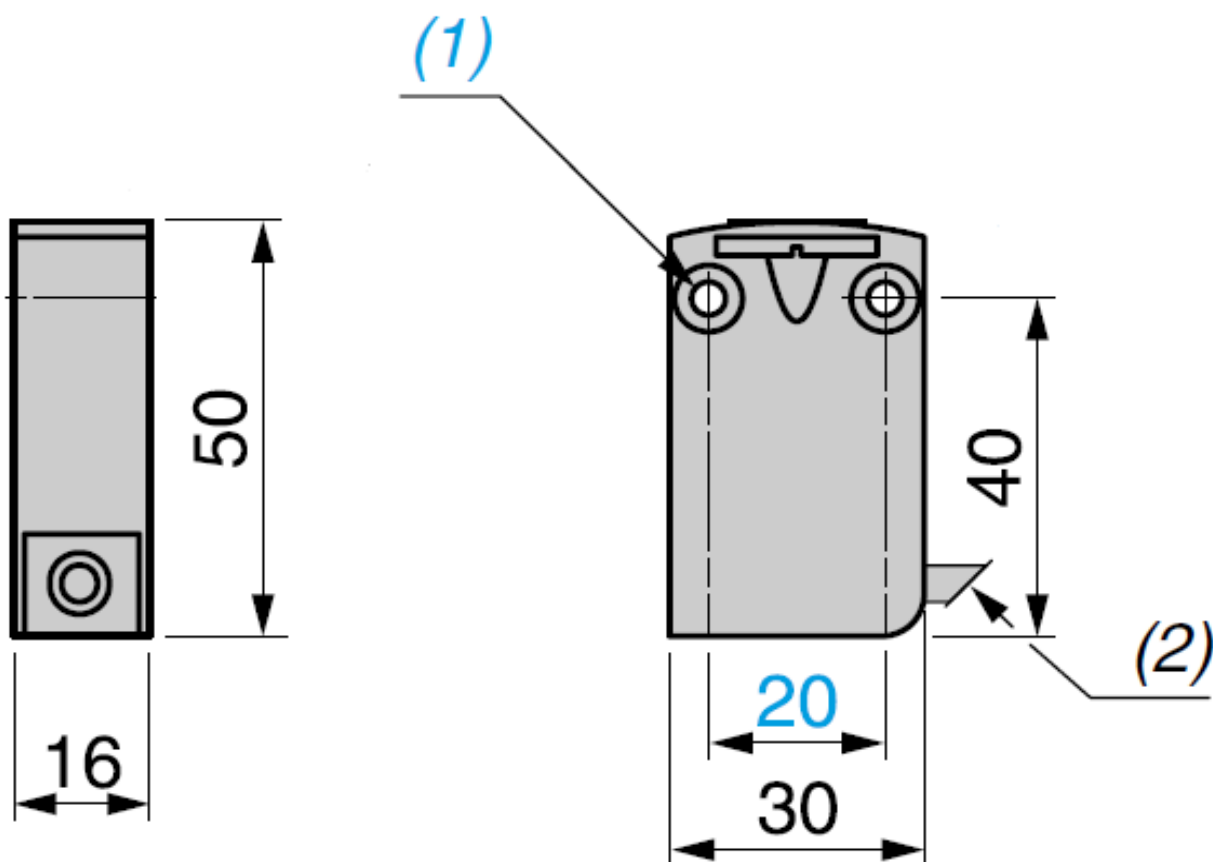
Range of product	OsiSense XC
Series name	Standard format
Sensor type	Limit switch
Sensor name	ZCMD
Sensor design	Miniature
Body type	Fixed
Material	Metal
Body Material	Zamak
Fixing mode	By the body
Number of poles	4
Contacts type and composition	NC + NC + NO + NO
Contacts operation	Snap action

### Complementary characteristics

Electrical connection	Monoblock between the body and the cable
Positive opening	With
Resistance across terminals	< 25mohms conforming to IEC 60255-7 category 3
[Uimp] rated impulse withstand voltage	U imp = 4 KV conforming to IEC60947-1
Short circuit protection	6A cartridge fuse type gG (gl)
Width	30 mm
Height	50 mm
Depth	16 mm
Product weight	0.200 kg
Rated operation characteristics	AC-15 C300 ( Ue = 240 V , Ie = 0,75A ) conforming to IEC 60947-5-1
Shock resistance	25 gn, time 18 ms conforming to IEC 60068-2-27
Vibration resistance	5 gn ( 10 to 500 Hz ) conforming to IEC 60068-2-6
IP degree of protection	IP66-IP67-IP68 conforming to IEC 60529 - EN 50102
IK degree of protection	IK06 conforming to EN 50102
Class of protection against electric shock	Class I conforming to IEC61140 - NF C 20-030
Ambient air temperature for operation	-40°C to +70°C
Ambient air temperature for storage	-40°C to +70°C
Protective treatment	TC
Product certifications	CE

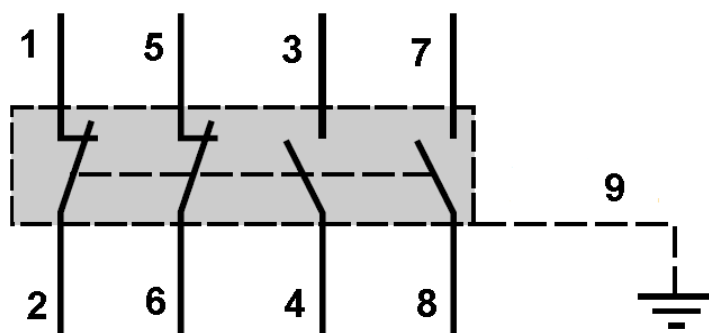
### Complementary characteristics of the cable

Conforming to standards	EN50306 - NF16-101
Storage temperature	-40°C à +105°C
Operation temperature	-40°C à +105°C
Cable diameter	7,3 mm + / - 0,2mm Class P
Cabling	9x0,5mm <sup>2</sup> Tinned copper
Cable length	1m +/-5cm
Colour of the cable	Black
Colour of the wires	White numbered 1 to 9
Cable insulation material	Halogen free according to EN50306-4
Cable external jacket	Halogen free according to EN50306-4
Connector	Zamak
Nominal voltage	300V
Insulation voltage	2 kV
Fire class	F1 according to NFF 16101
Bending radius (static)	R min = 40mm
Average cable weight	42,5 Kg / Km
Conductor resistance	< or + 40,1 ohm / Km at 20°C



- (1) 2 fixing holes  $\varnothing 4,2\text{mm}$ , counterbored  $\varnothing 8\text{mm}$  by 4mm deep  
(2) railway cable, external diameter 7,3mm

## 4-pole N/C + N/C + N/O + N/O snap action



White wire, numbered 1 to 9

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