


SPECIFICATIONS	KEY FEATURES	CATEGORY 1
<p>C UL us, Approval expected March 2004 CE, EN 954-1/2, EN60 947-5-1</p> <p>24V AC/DC, -15% +10%, 56ma DC, 100ma AC, input</p> <p>10 G Shock Resistance</p> <p>240ma max contacts, 48V AC/DC</p> <p>1-7 mm closing "ON" switching distance</p> <p>9mm opening "OFF" switching distance</p> <p>NEMA 4X, IP67</p>	<ul style="list-style-type: none"> Level 1 <u>without</u> separate safety module. Level 3 "daisy chained" (in series) with one separate safety module. Level 4 with separate safety module. LED indicates "ON" position Polycarbonate Housing Submersible 	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">Stand alone switch design</div>  <p>OPTO 2S</p>

Switch + Magnet Part#	Closed Contacts*	Cable Length	List
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OPTO 2S	2	9.75 ft.	
OPTO 2S-6M	2	19.5 ft.	

* Contacts listed with power "ON" and door "CLOSED".

Device	Safety Category	Capability
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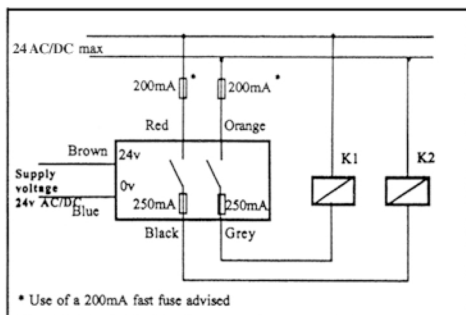
OPTO 2S 1

Multiple OPTO 2S wired in series with one AWA X 26, 45 XX L safety module. *Manual reset only* 3

One OPTO 2S with one AWA X 26, 45 XX L safety module. *Manual reset only* 4

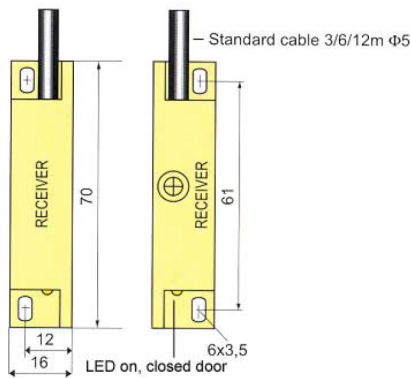
Electrical Diagram

All wiring diagrams with power "OFF" and door "OPEN".



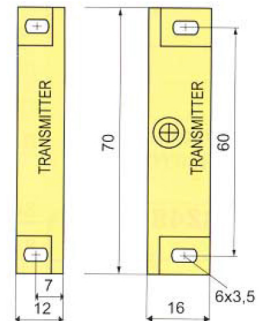
Dimensions

Switch & Module



Views: Top Side

Coded Magnet



Views: Top Side

Recommendations:

When the OPTO 2S is controlling an inductive load (relay coils) an RC or Varistor transient voltage suppressor is recommended to increase switch life expectancy.

RC Varistor Suppressor 24V AC/DC Part# D901190
 \$13.00 List



1.26"W x .87"H x .43"D
 7.8 inch wires.