


# CODED MAGNET SWITCHES - AMX

with **BUILT IN** safety module = Level 3



SPECIFICATIONS	KEY FEATURES	CATEGORY 2, 3, 4
<p><b>C UL<sub>us</sub>, CE, TUV EN60947-5-1</b></p> <p>24V AC / DC, -15% +10% input V</p> <p>1-10mm "ON" switching distance</p> <p>12mm opening switching "OFF" distance</p> <p>2 Amp safety contact, 250 ma auxiliary</p> <p>2 Amp internal fuse, 10 G Shock resistance</p> <p>NEMA 4X, IP67</p>	<ul style="list-style-type: none"> <li>• Internal Safety Module, Level 3</li> <li>• Large misalignment gap: 12mm in-out, 7mm left-right + up - down</li> <li>• LED indicates "ON" actuation</li> <li>• Polycarbonate Housings Stainless Steel Option</li> <li>• Submersible</li> <li>• Quick Connect Option</li> </ul>	 <p><b>AMX 3</b></p>

Switch + Magnet Part#	Closed Safety Contacts *	Open Aux. Contacts *	Category Capability	List
AMX 3	1	1	Level 3	
AMX 4	2		Level 3	
AMX 5	2	1	Level 3	

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

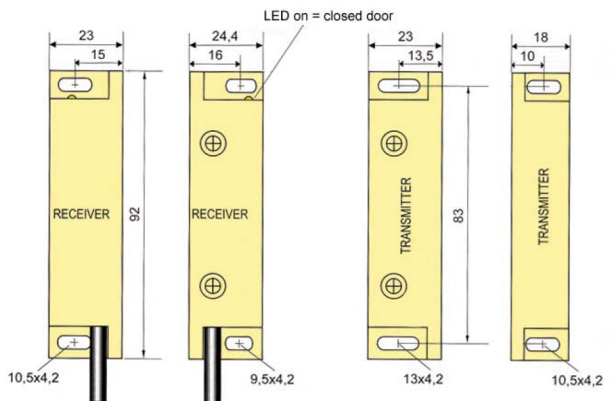
AMX 5 with separate safety module **Level 4**. (See page 65)

Standard cable length 9.75 ft.

AMX 4 not TUV, not available in stainless or with plug options.

## Dimensions

Magnets can be detected through 8mm stainless steel or polycarbonate walls.

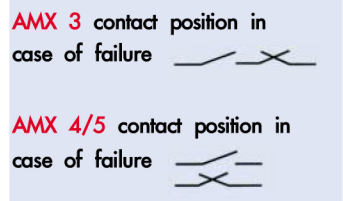
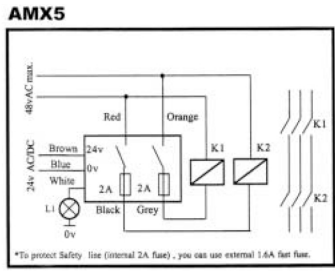
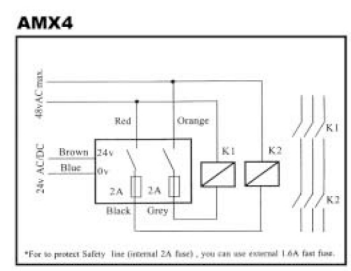
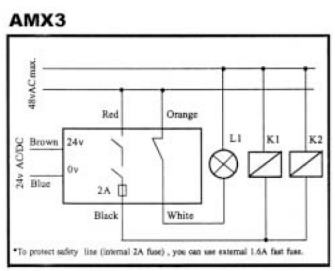


Views: Top Side Top Side

Above dimensions for polycarbonate version.  
Dimensions for stainless steel 316L version on p.?

## Electrical Diagrams

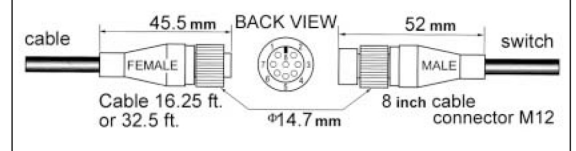
All wiring diagrams with power "OFF" and door "OPEN" or "CLOSED".



EN954-1/2, EN60529, IEC529, VDE0470 Part 1

For application examples, see page 65.

## With Quick Connect Plug Option



Part #	List
<b>SWITCH with Plug (male)</b>	
AMX 3-MKT	
AMX 5-MKT	
<b>FEMALE plug with cable</b>	
FKT-5m (16.25 ft.)	
FKT-10m (32.5 ft.)	

