

AVCO

Alloy Valves and Control

LIMIT SWITCH ALS210N



Position Indicator

Yellow Open/Red Closed

Conduit Entry

2x 1/2" NPT

Body Material

Die Cast Aluminum

Switches

Mechanical SPDT (5A 125-250V AC)

External Coating

Polyester Powder

Shaft

Stainless Steel NAMUR

Applicable Standards

NEMA 4/4X
IP67
NAMUR

Service Applications

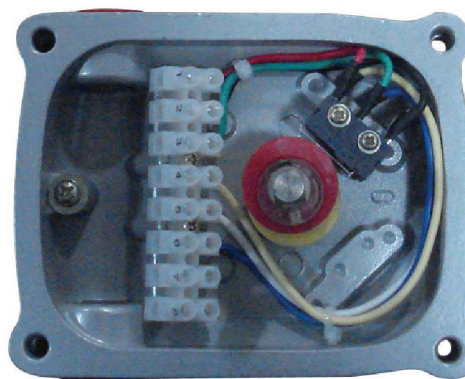
Aerospace
Chemical
Data Centers
Gas and Air Delivery
Food Processing
Oxygen
Oil/Gas
Pharmaceutical
Steam
Thermal Fluids
Vacuum
Water/Oil/Gas

Overview

The AVCO ALS210N Limit Switch is a compact mini type limit switch providing a simple cost-effective solution for valve and pneumatic actuator monitoring. The switches are housed in a weather-proof die-cast aluminum body and is compatible with ISO 5211 mount pad and NAMUR shafts.

Features & Specification

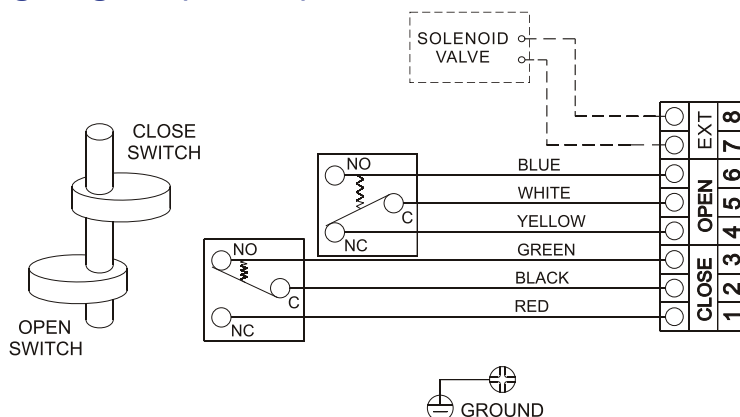
Powder Coated Die-Cast Body
Multi-view Visual Position Indicator
Weather Proof to NEMA 4/4X (IP67)
Quick Set Cam
8 point Terminal Strip
Dual Cable Entries (1/2" NPT)
Captive Cover Bolts
NAMUR Shaft & ISO 5211 Mount Pad
Mechanical Switches (5A 125-250V AC)
-13 thru 185°F Operating Temperature
NAMUR Mount Brackets Available



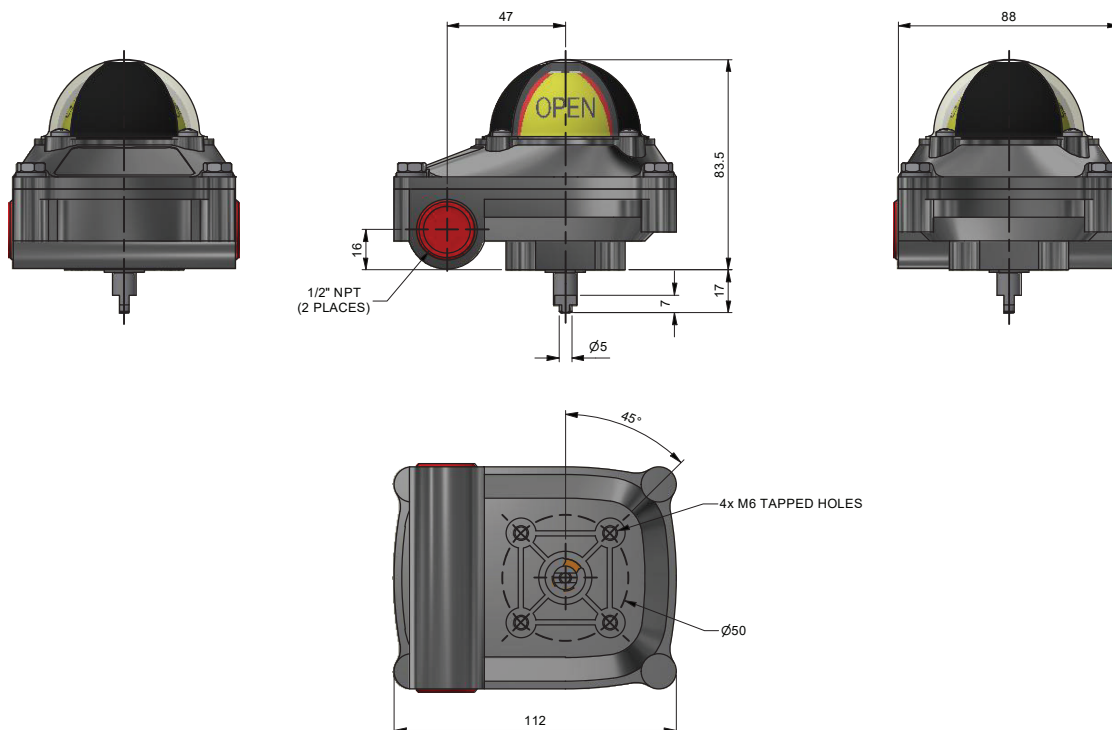
PARTS LIST & MATERIALS

Item	Part	Material	Item	Part	Material
1	Cover	Die-Cast Aluminum	9	Spring	Stainless Steel
2	Body	Die-Cast Aluminum	10	Captive Screws	Stainless Steel
3	Shaft	Stainless Steel	11	Shaft O-ring	NBR
4	Indicator Cover	Polycarbonate	12	Body O-ring	NBR
5	Indicator	ABS/Polycarbonate	13	Indicator O-ring	NBR
6	Switch	Mechanical	14	Bushing	Bronze
7	Terminal Strip	Polycarbonate	15	Earth Lug	Stainless Steel
8	Cam	Polycarbonate	16	E-ring	Stainless Steel

Wiring Diagram (2 SPDT)



DIMENSIONAL DATA



HOW TO ORDER

ALS	210N	E
Series	Type	Option
AVCO Limit Switch for Quarter Turn Applications	Entry Level Compact Version with NEMA 4/4X Weatherproof rating	Blank - Short NAMUR Shaft E - Long NAMUR Shaft L - L-Port Indicator T - T-Port Indicator