Limit Switch Boxes

Standard & hazardous duty limit switch boxes available with mechanical, proximity, or inductive switches.

Standard/Hazardous Switch Feedback

Max-Air limit switch boxes offer convenient and reliable switch feedback for actuated assemblies, for standard or hazardous duty environments. The NAMUR standard mounting design is compatible with all Max-Air pneumatic actuators.

Standard Features:

- Compact Design & Quick Set Cams
- 3D Models Available for All Designs and Sizes
- Easy Wiring Through PCB Terminal, 10pt.
- Single and Dual-Coil Solenoid Valve Options
- High Visibility Open/Close Beacon
- 3-Way T-Port & L-Port Beacon Options
- Inclusive 30x80x30 NAMUR Mounting Bracket
- Other Mounting Brackets Available

41 Series Technopolymer
Cost effective mechanical or non-contact switches with epoxy resin enclosure for ordinary locations.

45 Series Aluminum & Stainless
Mechanical or non-contact switch options for ordinary locations.

48 Series Aluminum & Stainless
Mechanical or non-contact switch options with heavy duty enclosure for hazardous locations.

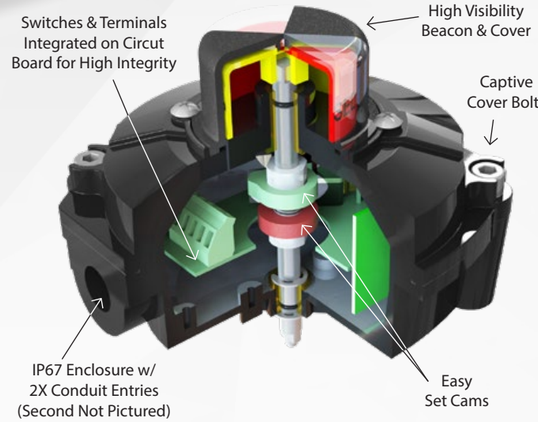
Locations	Ordinary, Hazardous, NEMA 4/4x
Materials	Aluminum, Stainless Steel
Ambient Temp. Range	-4°F to 140°F Standard (-40°F Low, 185°F High)
Switch Type	Mechanical, Inductive, & Magnetic

Voltages	AC/DC, Ordinary & Hazardous Locations
Mounting	NAMUR VDI/VDI 3845
Available Options	T-Port, L-Port, Special Beacons, Low Temp Option

Limit Switch Box Selection

Start from the top of the chart and work down to select the correct Limit Switch Box.

Environment	Standard			Corrosive		
Electrical Classification	**Ordinary**	**Hazardous**		**Ordinary**	**Hazardous**	
Temperature	**Standard**	**Standard**	**Extreme (Low)**	**Standard**	**Standard**	**Extreme (Low)**
Recommended Series/Options	41 Series 45 Series (Aluminum)	41 Series w/ Intrinsically Safe 45 Series w/ Intrinsically Safe (Aluminum) 48 Series (Aluminum)	48 Series w/ Temp. Seals & (Aluminum)	41 Series 45 Series (Stainless Steel)	41 Series w/ Intrinsically Safe 45 Series w/ Intrinsically Safe (Stainless Steel) 48 Series (Stainless Steel)	48 Series w/ Temp. Seals & (Stainless Steel)
Switch Types	Mechanical, Proximity, Inductive					
Available Options	T-Port Beacons, L-Port Beacons, Specialty Beacons, Brackets					



48 Series

The Max-Air 48 Series Explosion Proof aluminum and stainless steel limit switch boxes are available for the highest level of safety in hazardous environments. Extremely reliable, robust, and time tested the 48 Series is an excellent solution for your position monitoring needs. Switches available with mechanical, proximity and inductive types, and fully certified to North American and European standards.

Seals	Temperature Range
Low Temp. (Silicone)	-49°F (-45°C) to 250°F continuous & 300°F cyclic
Standard (BUNA-N)	-4°F (-20°C) to 176°F (80°C)

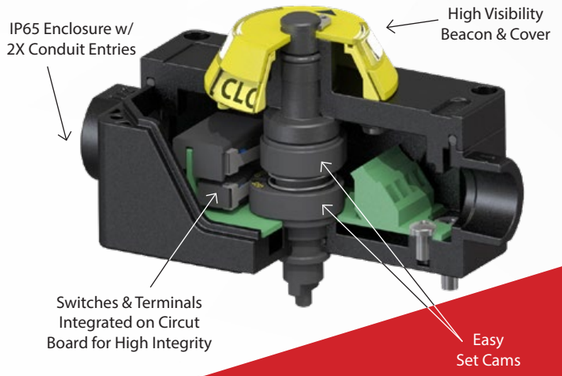
Available Types
Omron D3V11 or Cherry D44 (250VAC/DC, 11A MAX, 50/60 HZ) Honeywell V7 (250VAC/DC, 0.1A MAX, 50/60 HZ), Magnetic Emme Reed (High Power, 100W Max, 300V, H.S.I.) , Magnetic Reed Hamlin (Low Power, 5W Max), IFM NS5002 EExia (7.5-30 DC, NC; Nominal 8.2 DC), IFM IS5001 DC 3 Wire PNP Switch (10-36V, NO), IFM IS5026 DC 2 Wire PNP or NPN (5-36V, Programmable), IFM IS0003 AC/DC 2 Wire Inductive (20-140VAC/10-140VDC, NO) P&F NJ2-V3-N Namur 2 Wire (8.2V, NC, EExia Rated), P&F NBB2-V3-E2 DC 3 Wire PNP (10-30V, NO), P&F NBB3-V3-Z4 DC 2 Wire (5-60V, NO), P&F NBB2-V3-E3 DC 3 Wire PNP (10-30V, NC), P&F NBB2-V3-E0 DC 3 Wire NPN (10-30V, NO), P&F NCB2-V3-N0 Namur (8.2V, NC, EExia Rated), IFM IS5004 DC 3 Wire NPN (10-36V, NO).

45 Series

The Max-Air 45 Series aluminum and stainless steel series limit switch boxes are an extremely reliable, robust, and time tested solution for your position monitoring needs. Switch boxes available with mechanical, proximity and inductive switch types, and fully certified to North American and European standards.

Seals	Temperature Range
Standard (BUNA-N)	-4°F (-20°C) to 176°F (80°C)

Available Switch Types
Omron SS-5 or SSG, SPDT, 5A 250V, Omron SS-01, SPDT, 0.1A 125VAC 30VDC, Gold Plated Contacts, Magnetic Reed Hamlin (Low Power, 5W Max), IFM NS5002 EExia (7.5-30 DC, NC; Nominal 8.2 DC), IFM IS5001 DC 3 Wire PNP Switch (10-36V, NO), IFM IS5026 DC 2 Wire PNP or NPN (5-36V, Programmable), IFM IS0003 AC/DC 2 Wire Inductive (20-140VAC/10-140VDC, NO), P&F NJ2-V3-N Namur 2 Wire (8.2V, NC, EExia Rated), P&F NBB2-V3-E2 DC 3 Wire PNP (10-30V, NO), P&F NBB3-V3-Z4 DC 2 Wire (5-60V, NO), P&F NBB2-V3-E3 DC 3 Wire PNP (10-30V, NC), P&F NBB2-V3-E0 DC 3 Wire NPN (10-30V, NO), P&F NCB2-V3-N0 Namur (8.2V, NC, EExia Rated).



41 Series

The Max-Air 41 Series Technopolymer Limit Switch Box provides unparalleled position indication for rotary actuators. Manufactured completely in technopolymer with stainless steel fasteners CSA Listed, and carrying a NEMA 4/4X rating, these compact lightweight limit switches are an excellent choice for general corrosive environments.

Seals	Temperature Range
Standard (BUNA-N)	-4°F (-20°C) to 176°F (80°C)

Available Switch Types
Omron SS-5 or SSG, SPDT, 5A 250V, Omron SS-01, SPDT, 0.1A 125VAC 30VDC, Gold Plated Contacts, Magnetic Reed Hamlin (Low Power, 5W Max), IFM NS5002 EExia (7.5-30 DC, NC; Nominal 8.2 DC), IFM IS5001 DC 3 Wire PNP Switch (10-36V, NO), IFM IS5026 DC 2 Wire PNP or NPN (5-36V, Programmable), IFM IS0003 AC/DC 2 Wire Inductive (20-140VAC/10-140VDC, NO), P&F NJ2-V3-N Namur 2 Wire (8.2V, NC, EExia Rated), P&F NBB2-V3-E2 DC 3 Wire PNP (10-30V, NO), P&F NBB3-V3-Z4 DC 2 Wire (5-60V, NO), P&F NBB2-V3-E3 DC 3 Wire PNP (10-30V, NC), P&F NBB2-V3-E0 DC 3 Wire NPN (10-30V, NO).