



Top 11 Selection Tips For Limit Switch



NO.	Parameter Classification	Option	Description
1	What type of cylinder is it used for?	<ol style="list-style-type: none">1) Quarter-turn cylinder;2) Linear cylinder;3) Special type cylinder.	The type of cylinder must be clearly described.
2	Brand requirement	<ol style="list-style-type: none">1) Manufacturer's choice;2) Topworx;3) Westlock;4) Honeywell;5) Stonel;6) Other specified brands.	This should be chosen based on actual requirements.
3	Type of limit switch-1	<ol style="list-style-type: none">1) SPDT (Single Pole Double Throw);2) DPDT (Double Pole Double Throw);3) Other types;	Typically, choose between SPDT and DPDT.



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4	Type of limit switch-2	<ol style="list-style-type: none">1) Mechanical;2) Proximity;3) NAMUR inductive (intrinsic safety type);4) Other special types, etc.	This should be chosen based on actual requirements.
5	Casting shell material of the limit switch	<ol style="list-style-type: none">1) Plastic;2) Casting aluminum;3) Stainless steel;4) Other materials.	For chemical plants, casting aluminum is generally sufficient; Stainless steel is rarely used except in marine conditions, such as offshore LNG, offshore platforms, etc. However, different devices require different analysis.
6	Contact capacity	<ol style="list-style-type: none">1) 1A @ 24V DC;2) 2A @ 24V DC;3) 3A @ 24V DC;4) 3A @ 220V AC;5) Many other contact capacities are available;	This should be chosen based on actual requirements.



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7	Built-in micro switch	<ol style="list-style-type: none">1) Manufacturer's standard micro switch;2) Other specified manufacturer's micro switch, such as P+F, Honeywell, etc.;3) Other special requirements.	This should be chosen based on actual requirements.
8	Electrical interface material	<ol style="list-style-type: none">1) 1/2" NPT;2) 3/4" NPT;3) M20*1.5;4) Special interface sizes.	Generally, choose from the first three options listed, i.e., pick one from the three.
9	Explosion-proof rating	<ol style="list-style-type: none">1) Only dust and waterproof, no explosion-proof required Only IP65/66;2) Intrinsic safety explosion-proof Exia IICT4/6 + IP65/66;3) Flameproof explosion-proof Exd IICT4/6 + IP65/66;4) Other types of explosion-proof.	Generally, choose from the first three options listed, i.e., pick one from the three.



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10	Requirements for ambient temperature	<ol style="list-style-type: none">1) No low temperature required, normal ambient temperature;2) Low temperature required, not lower than -20°C;3) Low temperature required, not lower than -40°C;4) Low temperature required, not lower than -60°C;5) High temperature required, please list the high temperatures;6) Please specify other special ambient temperatures.	Attention must be paid to temperature because different manufacturers may choose different models and series of limit switches based on temperature, and the price difference can be significant. Therefore, theoretically, when selecting, one should first determine the limit switch's requirements for ambient temperature.
11	Are there any other requirements?		