



Sensing, Safety & Automation Selection Guide

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Name: _____

Company: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Cell: _____ Fax: _____

E-mail: _____ Company Web Site: _____

PROXIMITY SWITCHES

Shielded ☐ Unshielded ☐

Output Functions:

PNP ☐ NPN ☐ 2-wire DC ☐ Analog ☐ Namur ☐ AC20-250VAC ☐ AC/DC20-250 ☐

Output Mode: N.O. ☐ N.C. ☐ N.O/N.C. ☐ Current/Voltage ☐ AC ☐

Shape: Threaded Barrel ☐ Smooth Barrel ☐ Rectangular ☐

Type: Inductive ☐ Capacitive ☐ Weld Immune ☐ Magnetic ☐

Housing Material: Brass ☐ Plastic ☐ PTFE ☐ Stainless Tube ☐ Stainless Tube & Face ☐

Connector Type: Cabled ☐ M8 ☐ M12 ☐

Type of Connecting Cable: Straight ☐ Right Angle ☐ Cable Length ☐

IP Rating _____

Special Requests: _____

Quantity needed for this project: _____

Target Price: _____ Target Delivery Date: _____

Cross Reference Part Number: _____

NOTES: _____

PHOTOELECTRIC SENSORS

Size: 8mm ☐ 12mm ☐ 18mm ☐ 31x20x12 ☐ 50x50x18 ☐ 80x65x25 ☐ Other ☐

Sensing Mode: Diffuse ☐ Retro-Reflective ☐ Through Beam ☐ Diffuse w/background suppression ☐
Other _____ IP Rating: _____ Sensing Range: _____

Connector Type: Cabled ☐ M8 ☐ M12 ☐ Cable Type: Straight ☐ Right Angle ☐ Length _____

Housing Material: Brass ☐ Plastic ☐ Stainless Steel ☐

Shape: Threaded Barrel ☐ Smooth Barrel ☐ Rectangular ☐

Output Function: NPN ☐ PNP ☐ NPN or PNP ☐ Other _____

Output Mode: Light On ☐ Dark On ☐ Light On & Dark On ☐ Light On or Dark On ☐ SPDT Relay ☐

Special Requests: _____

Quantity needed for this project: _____ **Target Price:** _____ **Target Delivery Date:** _____

Cross Reference Part Number: _____

SAFETY RELAYS

Application: Emergency Stop ☐ Two Hand Control ☐ Safety Interlock Switch ☐
Non Contact Safety Switch ☐ Safety Solenoid Interlock Switch ☐ Safety Mat ☐ Safety Light Curtain ☐
Safety Relay Time Delayed Outputs ☐ Safety Laser Scanner ☐ Safety Single or Multiple Beams ☐

Type: Single Purpose Safety Relay ☐ Dual Input Safety Relay ☐ Programmable Safety Relay ☐

Voltage Requirement: 24VDC ☐ 110VAC ☐ 230VAC ☐

Circuit Type: Emergency Stop Circuit ☐ Safety Stop Circuit ☐ Dual Channel ☐ Single Channel ☐

Other Requirements: _____

Quantity needed for this project: _____ **Target Price:** _____ **Target Delivery Date:** _____

Cross Reference Part Number: _____

Related Safety Relays: Standstill Monitor ☐ DC Brake ☐

SAFETY COMPONENT REQUIREMENTS

Light Curtains ☐ Two Hand Controls ☐ Emergency Stop Button ☐ Safety Mats ☐ Sensing Edge ☐
Bumper Switch ☐ Trapped Key Interlocking ☐ Interlock Switch ☐ Latching Interlock Switch ☐
RFID Safety Switch ☐ Non Contact Safety Switch ☐ Hinge Safety Switch ☐ Laser Scanner ☐
Single or Multi Beam ☐ Other _____

Special Ratings: IP69K ☐ EX Proof ☐

Other Requirements: _____

Quantity needed for this project: _____ **Target Price:** _____ **Target Delivery Date:** _____

Cross Reference Part Number: _____

MACHINE SAFEGUARDING PRODUCTS

Physical Guarding ☐ Safety Light Curtain ☐ Safety Laser Scanner ☐

Safety Single or Multi Beam System ☐ Safety Mats ☐ Safety Sensing Edge ☐ Safety Bumper Switch ☐

Emergency Stop Button:

22mm ☐ 30mm ☐ Oversized ☐ Illuminated ☐ with Lockout Feature ☐ With Enclosure ☐

Cable Operated Safety Switch:

Slack Cable ☐ Cable Detection ☐ Single Ended ☐ Double Ended ☐ With Indicator Light ☐

Guard Door Monitoring Safety Switches:

Keyed Interlock ☐ Solenoid Latching Keyed Interlock ☐

Solenoid Latching Keyed Switch with Internal Release ☐ Non Contact Switch ☐

Non Contact Switch Stand Alone ☐ Non Contact RFID Switch ☐ Latching Non Contact Switch ☐

Trapped Key Interlocking System: ☐

Two Hand Control: ☐

Muting Required of Safety System for: Material Transfer ☐ Loading/Unloading ☐ Part Forming ☐

Special Environmental and System Requirements:

Washdown/IP69K/IP68 ☐ ATEX/Explosion Proof ☐ Dual Channel System ☐ Single Channel System ☐

Notes on Application: _____

Cross the Current Brand and Part Number: _____

NOTES: _____