



Light & Medium Duty Tool Changer

Application Questionnaire

Name:

Date:

Company:

Address:

Phone:

Email:

Fax:

Robot Information

1. Applications:

(Ex: Arc welding, material handling, etc.)

2. If application is spot welding, is the weld gun: Pneumatic Servo

3. Robot make and model:

4. Number of robot sides:

5. Number of tool sides:

(Required information for initial consultation)

Modules

6. Check boxes for additional modules needed.

Communication module

High power module

Electric (e.g., servo weld gun)

Tool Stand

Valve Modules

7. Control Circuit: TSM (tool stand monitoring) - Single channel
 SCM (safety control module) - Dual channel
 None

Fluid Module - Pneumatic

- 8. Number of ports:
- 9. Size and thread:
- 10. Flow rate required: NLPM (Normal liter per minute)
 SCFM (Standard cubic feet per minute)

Fluid Module - Coolant

- 11. Number of ports:
- 12. Size and thread:
- 13. Flow rate required: NLPM (Normal liter per minute)
 SCFM (Standard cubic feet per minute)

Communications Module

- 14. Communication protocol:
- 15. I/O contacts required:
- 16. Voltage required:
- 17. Amperage required:
- 18. Robot side connectors:
- 19. Tool side connectors:
- 20. If strain relief, enter the outside diameter of the cable being used: mm in
- 21. Tool stand monitor circuit - used to monitor when uncouple is allowed: Yes No
- 22. Tool ID - used to verify which tool is being held: Yes No

Electrical Module

23. Type: Servo Video Discrete Other

24. Power: Voltage required:

Amperage required:

Number of contacts:

Connectors:

25. Signal: Voltage required:

Amperage required:

Number of contacts:

Connectors:

Tool Stand

26. Tool dimensions: H x W x L mm in

27. Tool weight: kg lb

28. Compliant or non-compliant assembly: Compliant Non-compliant

29. Safety circuit: Yes No

30. Cover lid: Yes No

Additional Comments: