

Connectors for Welding & Cutting Equipment Controls

Features & Benefits

EASY & SAFE

Quick and Secure Mating

1/3 Bayonet coupling or push-pull coupling allowing an easy, quick and secure connection with an audible click to guarantee a proper connection to the user.

ENDURING & ROBUST

Long Life Expectancy

Up to 5,000 mating cycles without impact on performance. Designed to withstand dust and corrosive atmospheres while still maintaining mechanical and electrical functionality.

ENGINEERED & ERGONOMIC

Designed for User-friendly Operation

Sturdy ergonomic design granting daily trustworthy operation for any welding and cutting equipment.

EASY TO WORK WITH

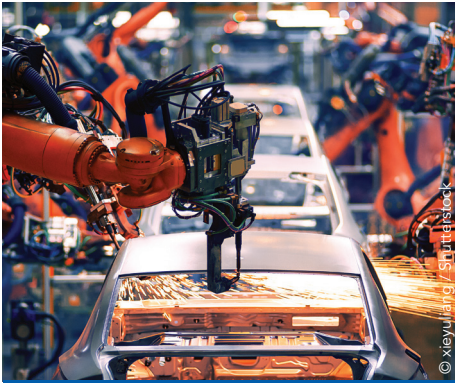
Flexibility & Availability

An engineering team to support you on customized solutions. A worldwide availability with a wide distributor network.

Typical applications

Starting with sound experience beginning with BURNDY, Esterline Connection Technologies SOURIAU is a leading provider of interconnect and overmolded cable assembly solutions for harsh environments.

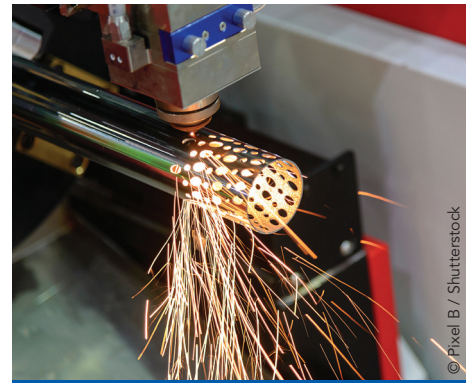
Welding and cutting equipment and their associated controls have diverse and demanding performance criteria essential to preserving performance and security. For this reason, it becomes even more imperative to choose a dependable connector partner that offers industry-proven reliability and service.



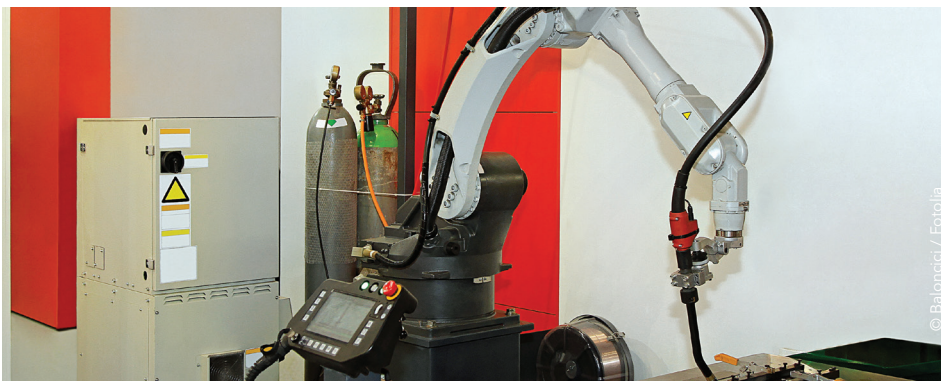
Welding Automation



Plasma / Laser Welding



Cutting Equipment



Welding Machine Controls & Robot Control Interface

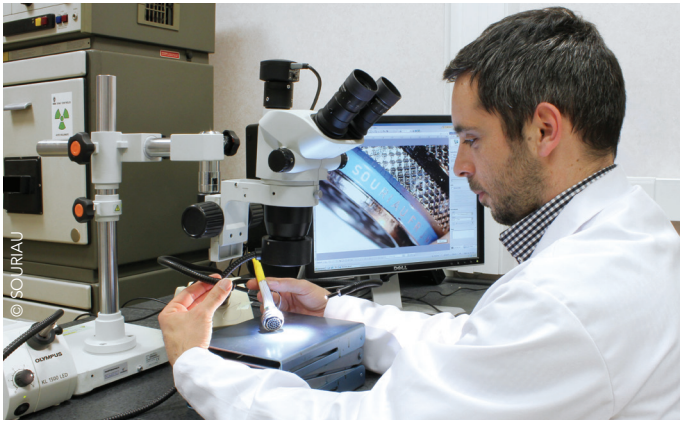


Fume & Gas Extraction

Customized solution capability



For over 100 years, SOURIAU has been designing harsh environment connectors. Year after year we develop customized solutions based on dedicated technical specifications from our customers. Thanks to a strong R&T and R&D department and a certified laboratory, we are able to propose customized solutions. The only limit is your imagination!



Turnkey solutions



More than a connector provider, we are a provider of interconnect solutions. We are able to support you and your demands of overmold cable assemblies which simplify your supply chain and offer you a turnkey solutions for your signal, power or high speed requirements.



Standard & directive compliance



- UL 1977 & IEC 61984
- Environmental compliance



Quality & on time delivery is what we strive for



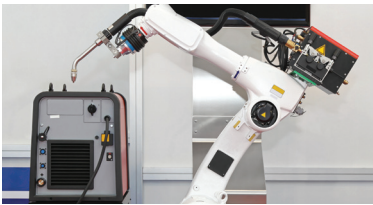
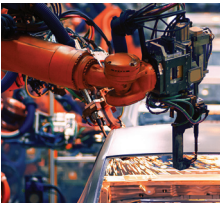








We develop and deliver reliable products on time to insure customer satisfaction. To guarantee a high level of quality and service, we have a continuously high level of requirements; operational excellence and continuous improvement are in our DNA.



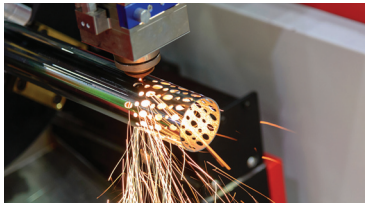

Worldwide availability



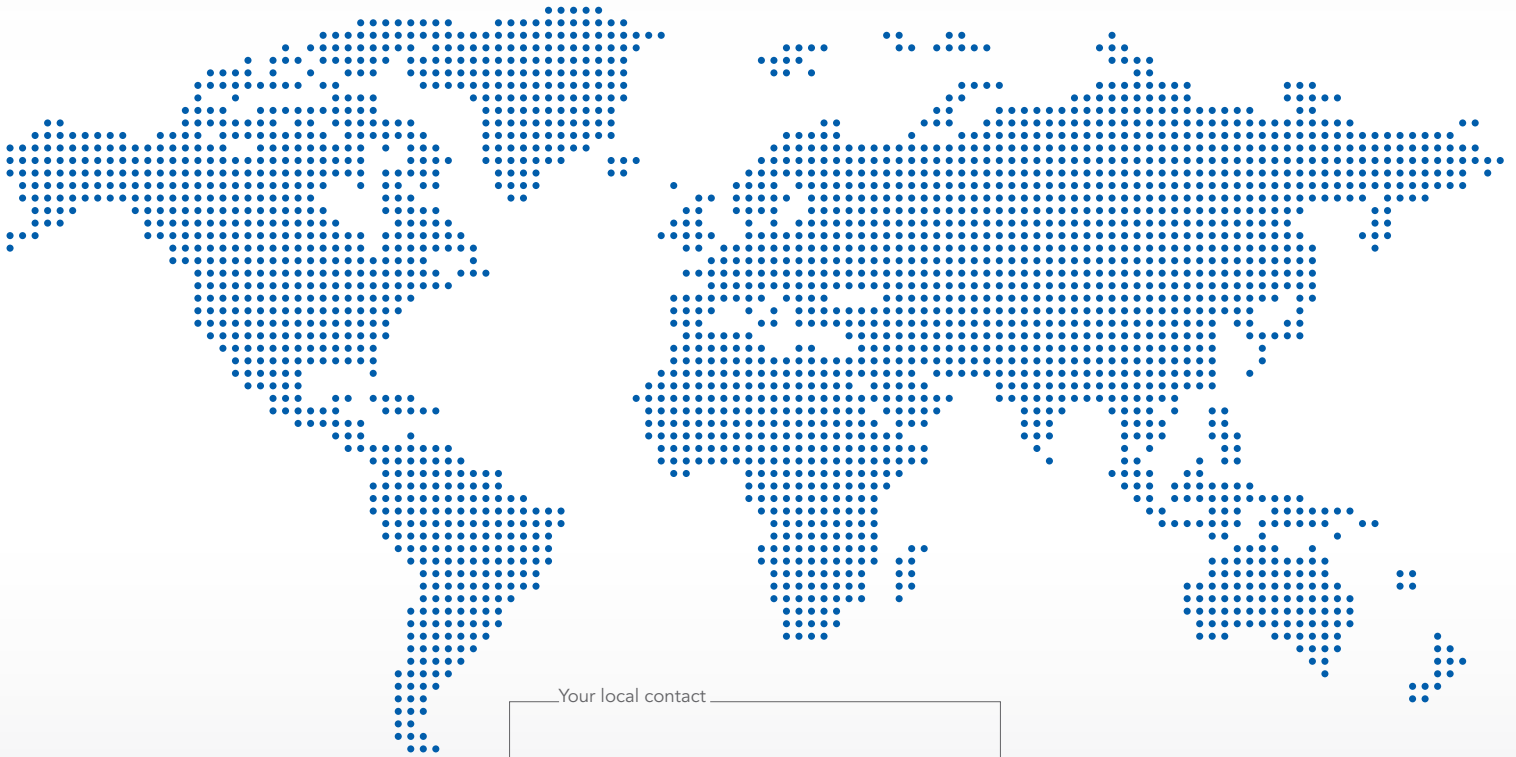
We are able to support your needs all around the world thanks to our global presence and our wide network of distributors. You can find us anywhere you need.

Welding and Cutting Equipment Selector Guide

					Welding Machine Controls & Robot Control Interface	Welding Automation
Connector	Coupling system	Mating / Unmating Cycles	Termination type	Number of contacts		
 JMX	Push-Pull (plastic)	2,000 Cycles	Solder	From 2 to 12 pos		
 JBX	Push-Pull Breakaway (metal)	5,000 Cycles	Solder	From 2 to 30 pos		✓✓
 UTL	Push-Pull (plastic)	1,000 Cycles	Crimp	From 4 to 8 pos	✓✓	
 UTS	1/3 Bayonet (plastic)	250 Cycles	Crimp and solder	From 2 to 32 pos	✓	
 UTG	1/3 Bayonet (plastic & metal)	500 Cycles	Crimp	From 4 to 48 pos	✓✓	
 UTO	1/3 Bayonet (metal)	500 Cycles	Crimp	From 3 to 61 pos	✓✓✓	✓✓
 851	1/3 Bayonet (metal)	500 Cycles	Crimp and solder	From 2 to 61 pos	✓✓✓✓	✓✓✓
 VGE1	Reverse 1/3 Bayonet (metal)	500 Cycles	Crimp	From 6 to 60 pos	✓✓✓✓	✓✓✓

Recommended solutions per application				Why use this configuration?
Information	Plasma / Laser Welding	Cutting Equipment	Fume & Gas Extraction	
				Why use this configuration?
			✓	Compact Design
✓			✓✓	High number of mating cycles Easy handling
			✓✓	Blind mateable & Easy to connect Overmold options
	✓	✓	✓	Intermateable and Interchangeable solution to cover all of your robust requirements.
	✓✓	✓✓	✓✓	Wide range of contact layouts.
✓✓	✓✓✓	✓✓✓	✓✓✓	Compatible with flexible conduit adaptors. Overmold options
✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓	Sturdy design compatible with wide range of standard backshells & strain reliefs for combination with conduits
✓✓✓✓	✓✓✓✓✓	✓✓✓✓✓	✓✓✓✓✓	High Robustness and impact resistance level

Reliable People, Reliable Solutions



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