

fischer connectors

Cable assembly capabilities

*Engineering expertise
for complete customer solutions*



fischer[®]
CONNECTORS

Edition 1.0

Connect With Precision

Fischer-made connectors and cable assemblies epitomize the quality, precision and value indicative of their Swiss heritage. Fischer invites you to compare its products. Hold in your hand a Fischer connector and you will see and feel the difference. Durable and reliable, quality-made products with the ability to satisfy the most complex interconnect requirements are what distinguishes Fischer connectors and cable assemblies. Fischer's patented push-pull locking system is widely accepted as the industry standard.

■ U.S. Manufacturing Facility Capabilities

- Prototyping
- Custom cable assemblies
- Thermoplastic & silicone overmolding
- Laser marking
- Connector sealing
- Automated cut & stripping
- Programmable potting
- Micro-coax solder termination
- Automated crimping
- Electrical testing
- Flex circuit assemblies



Fischer Cable Assemblies

Fischer's exceptional engineering standards ensure the highest level of cable design and performance. Its manufacturing strategy and capabilities leverage the vertical integration of precision connectors, component parts, and engineered cable to offer customers integrated solutions.

Fischer is meticulous in its cable design and construction ensuring high quality interconnect solutions for a wide range of customer applications.

■ Complete Cable Assembly Solutions

- *Overmolded cable assemblies*
- *Wiring harness assemblies*
- *Rugged & submersible cable solutions*
- *Library of pre-engineered designs*
- *Wide range of overmold designs*
- *Complete range of accessories*



Value Added Services

Fischer welcomes the challenge of developing connector and assembly applications in the conceptual phase for our customers.

■ Design Assistance

- *Engineering team with extensive interconnectivity solution experience*
- *SolidWorks CAD modeling*
- *Custom cable & overmolded assembly design assistance*

■ Prototyping

- *Rapid prototypes available*
- *Creative designs to meet difficult requirements*
- *Exclusively-focused prototyping team*

■ Design Validation

- *Cable assembly failure analysis*
- *Cable flex testing*
- *Autoclave testing*
- *Crimp pull testing*

■ In-Process Testing

- *100% inspection for all assemblies*
- *Continuity & Hi Pot testing*
- *Pressure testing*

■ Delivery

- *ERP material resource planning to ensure on-time delivery*
- *24-hour ship on inventoried items*
- *U.S. stocked components*

■ Support

- *Fischer dedicated regional account coordinators*
- *Consultative technical support*





MILACRON XTREEM

Menu # Inj Velocity Prof
CYCLE = MANUAL FUNCTION = CLAMP

XFER POS XFER SHOT SIZE
in in/s in

0.230	0.30	0.580
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1
in/s
0.35

CUSHION	XFER	FILL	in	psi
in	in	sec	in	
0.027	0.231	3.203	0.959	5

MAIN CLR EXT INJ THR TMP ALM

QUICK SET SPLIT SCREENS

FULL SET

SLID HEIGHT CLAMP CORE EJECT SLED SCREW EXTN RUN

MANUAL ADV MENU 1 2 3 CANCEL

SINGLE PAGE UP 4 5 6 ↑

CONT PAGE DOWN 7 8 9 ↓

HOLD SET PRINT SCREEN -/* 0 BACK ENTER

MOTOR START (Green button)

MOTOR STOP (Red button)

EMERGENCY STOP (Red button)

STOP (Yellow button)

CLAMP (Black button)

EXTN RUN (Black button)

EMERGENCY STOP (Yellow circle)

STOP (Yellow circle)

CLAMP (Black button)

EXTN RUN (Black button)

EMERGENCY STOP

STOP

CLAMP

EXTN RUN

EMERGENCY STOP

STOP

CLAMP

EXTN RUN

Precisely Fischer

Uncompromising in finely engineered products, Fischer continues to invest in manufacturing technology, business systems, and R&D. In 2008, Fischer opened a new factory and headquarters in Saint-Prex, Switzerland. This innovative robotics-driven facility is designed around customer satisfaction.

- Streamlined order fulfillment and delivery
- Competitive lead times
- Real-time order status
- Worldwide network to offer best-in-class service
- Research and development complementing manufacturing capabilities
- Multiple lean lines to provide greater throughput
- Controlled temperature system designed to ensure production performance stability
- Advanced robotic pick system with lot control

With over 50 years of experience, Fischer's wide range of over 10,000 products address the needs of multiple markets. Fischer is a leader in the interconnect system and high-end electronic component fields offering reliable connector and cable assembly products.



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