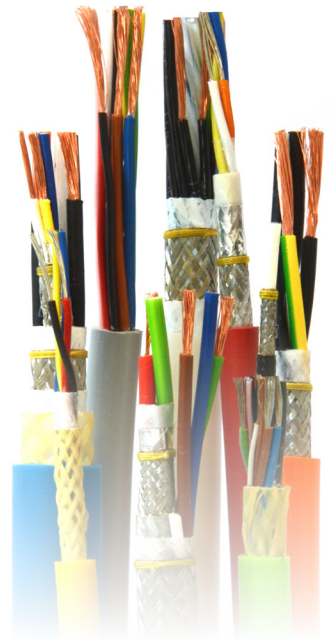


# FLAMAR STANDARD AND CUSTOM CABLES FOR INDUSTRIAL AUTOMATION > FROM MOLEX

As technology continues to evolve, automation demand is upsurging. Automation saves labor, energy and time, but downtime can be disruptive and expensive. High-speed production, continuous movement and rugged environments are integral parts of automation, making connection reliability, especially challenging.

To address this issue, Molex – which has decades of experience designing, manufacturing and testing cables for automation infrastructures - offers an extensive range of industrial automation cables that cover both automation and process control and ensure operational reliability.



## Designing at Molex

Molex has an in-house design and manufacturing facility, and the company is equipped with state-of-the-art extrusion lines and back-torsion cabling machines that enable us to meet our customers' requirements for superior quality. Additionally, our internal reliability and testing laboratories perform mechanical, electrical, flame-resistance and drag-chain tests before validating new cables, ensuring compliance with industry standards. Solving customers' design challenges, understanding customers' application and providing custom solutions are the defining activities of the Molex design team.

Our vast design experience - combined with advanced manufacturing technologies and enthusiasm for new designs – has helped us innovate extensively, resulting in a broad product range that includes network, servo motor, signal and control, hybrid and custom cables. We maximize our diverse technical experience and expertise to integrate various technologies. All of this makes Molex a worldwide trusted brand in the industry.

**molex**

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## Salient Features of Flamar Cables

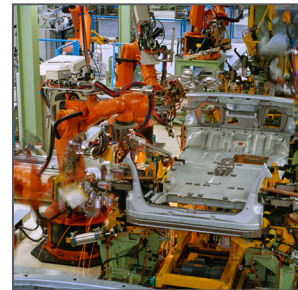
- 1** Broadest range of automation cables in several jacket materials and packaging sizes with small MOQ, offering design and application flexibility
- 2** Weld-slag and oil-resistant (WSOR), PVC and PUR jackets ensuring top mechanical performance in harsh environments
- 3** Common cross-sections available for flexible or drag-chain installation, eliminating almost all installation issues
- 4** In-house design, manufacture and distribution, allowing us to meet customer demand at a competitive cost with quick turn-around time
- 5** All cables UL listed and flame-retardant compliant, ensuring safety and adherence to de-facto reliability standards

## APPLICATIONS

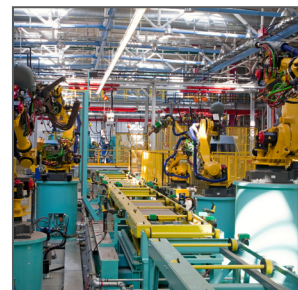
Flamar Cables have been employed extensively for factory automation infrastructure, automotive production lines, robotics, medical applications and commercial vehicles. Molex has provided automation solutions to major OEMs around the world for more than 30 years, earning our customers' trust and our strong brand reputation. Our dedicated support teams help customers choose the right cables for an optimized solution.



*OEMs solutions*



*Automotive production lines*



*Factory Automation*

## THE MOLEX ADVANTAGE >

With extensive experience in automation cable design and manufacture, the Molex design team is able to respond effectively to the customer demands, even when information is concise. Because Molex also has expertise and experience in designing connectors, customers can receive engineering support for their complete automation interconnect infrastructure. So, partnering with Molex means one source for all connection system requirements. Molex's superb track record of testing, analyzing and consulting throughout the product development cycle of successful solutions assures customers that they can rely on Molex for the best analysis and advice for all their projects.

# molex

[www.molex.com/capabilities/flamarcc.html](http://www.molex.com/capabilities/flamarcc.html)

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