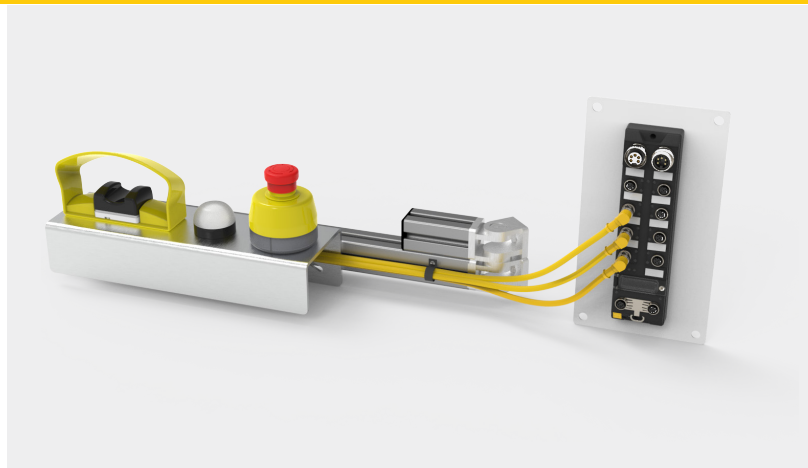
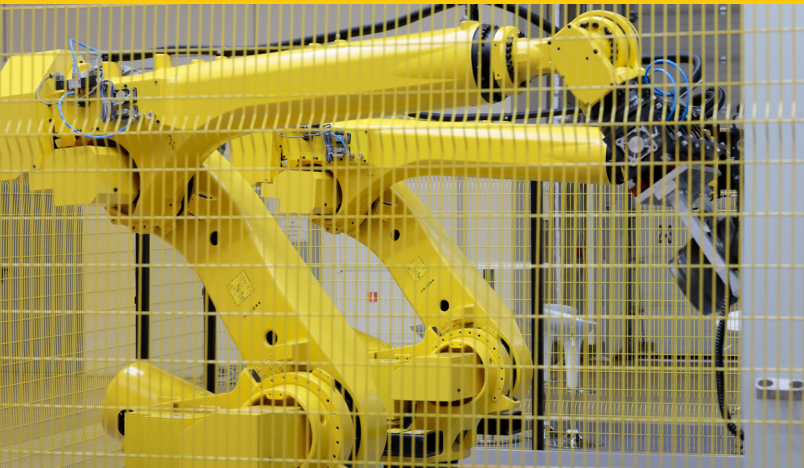


TURCK

Your Global Automation Partner

Safety Runbar Station



Pre-Engineered Operator Station for Safe & Ergonomic Machine Control

Simplify operator control in work cells with TURCK'S new Safety Runbar Station. This ready-to-deploy operator station is ideal for easy integration with robot cells and other machine tool workstations where safe control is needed. By combining operator controls, safety functionality and networked I/O in one pre-engineered package, the Safety Runbar Station helps reduce engineering, procurement and assembly effort while providing a clean, standardized solution at the point of operation.

The Safety Runbar Station can be configured to meet the specific requirements of your machine or work cell. The runbar features a sturdy hinge ideal for mounting the unit on safety cages and machine enclosures. The hinge allows the runbar to be positioned for operation and moved for access

to the machine or cell. Safety device connectivity options include 8-pin and 5-pin connections to work with the most common safety devices. Network and I/O options are available to support different control architectures, making it easier to select a Safety Runbar Station that fits the connectivity, safety and control requirements of the application.

The station supports CIP Safety with the TURCK TBIP and PROFIsafe with the TURCK TBPN, providing flexible integration with common industrial safety networks. It is designed to be connected to additional customer-supplied OSSD devices, such as safety light curtains, to support machine safety requirements. The Safety Runbar Station is designed to meet safety requirements up to SIL 3/PL d.

Your benefits

- Reduces the time needed to design & specify individual operator station components
- Meets safety requirements up to SIL 3/PL d
- Consolidates multiple components into a pre-engineered solution
- Saves assembly resources by reducing the amount of component installation, wiring & integration required
- Supports faster deployment with a standardized package designed for quick & easy integration

Technical Data

General data

Approvals	Per optional Hybrid Safety Block and OEM Switches
Protection Class	IP66 Minimum
Materials	Anodized Aluminum, Powder Coated C.R.S., Zinc Plated and SS Hardware
Bar Length	501 mm to the Hinge
Switches	Material and Functionality per OEM Specifications

Features

Ergonomic Optical Cycle Switch with Guard	Included in the Standard Build
Combination Indicator Light/Switch	Included in the Standard Build
Emergency Stop Push Button Switch	Included in the Standard Build
TURCK M12 Cordsets from Included Switches to the Hinge	Included in the Standard Build
TURCK Splitter (for Safety Device Integration)	Included in the Standard Build
TBIP or TBPN Hybrid Safety Block	Included with Most Variants, See Part Number Selection Table
Cordset(s), Runbar Hinge to Safety Block	Not Included, Order Item(s) Separately
Cordset, Safety Block to Splitter	Not Included, Order Item Separately
Cordset(s), Splitter to Safety Device (Light Curtain or Other)	Not Included, Order Item(s) Separately
Additional Required Safety Devices Such as Light Curtain(s) or Safety Scanner(s)	Not included, Specified and Integrated by Customer

Part number selection

ID Number	Part Number	Hybrid Safety I/O	Safety Protocol	Power Connection	Suggested Safety Device
200019993	RUNB-L501-BAN 8PIN-CIP L4	TBIP-L4-FDIO1-2IOL	CIP Safety	4-Pin 7/8"	Banner 8-Pin Devices
200019995	RUNB-L501-BAN 8PIN-CIP LL	TBIP-LL-FDIO1-2IOL	CIP Safety	L-Coded M12	Banner 8-Pin Devices
200019996	RUNB-L501-BAN 8PIN-PN L5	TBPN-L1-FDIO1-2IOL	PROFIsafe	5-Pin 7/8"	Banner 8-Pin Devices
200019997	RUNB-L501-BAN 8PIN-PN LL	TBPN-LL-FDIO1-2IOL	PROFIsafe	L-Coded M12	Banner 8-Pin Devices
200019998	RUNB-L501-BAN 8PIN-N	None	None	None	Banner 8-Pin Devices
200019999	RUNB-L501-VAR 5PIN-CIP L4	TBIP-L4-FDIO1-2IOL	CIP Safety	4-Pin 7/8"	Various 5-Pin Devices Including Keyence
200020001	RUNB-L501-VAR 5PIN-CIP LL	TBIP-LL-FDIO1-2IOL	CIP Safety	L-Coded M12	Various 5-Pin Devices Including Keyence
200020002	RUNB-L501-VAR 5PIN-PN L5	TBPN-LL-FDIO1-2IOL	PROFIsafe	5-Pin 7/8"	Various 5-Pin Devices Including Keyence
200020004	RUNB-L501-VAR 5PIN-PN LL	TBPN-LL-FDIO1-2IOL	PROFIsafe	L-Coded M12	Various 5-Pin Devices Including Keyence
200020005	RUNB-L501-VAR 5PIN-N	None	None	None	Various 5-Pin Devices Including Keyence

Accessories

ID Number	Part Number	Description	Note
777027645	RK 4.4T-*-RS 4.4T/S1055	From Runbar to Splitter	Red Plug Bodies for CIP Safety
777000208	RK 4.4T-*-RS 4.4T	From Runbar to Splitter	Yellow Plug Bodies for PROFIsafe
777012678	RKC 8T-*-RSC 8T/S1055	From Splitter to 8-Pin Safety Device	Red Plug Bodies for CIP Safety
777027944	RK 8T-*-RS 8T	From Splitter to 8-Pin Safety Device	Yellow Plug Bodies for PROFIsafe
777027645	RK 4.4T-*-RS 4.4T/S1055	From Splitter to 5-Pin Safety Device	Red Plug Bodies for CIP Safety
777000208	RK 4.4T-*-RS 4.4T	From Splitter to 5-Pin Safety Device	Yellow Plug Bodies for PROFIsafe