

BID F101 mechanical safety switch with or without guard locking function

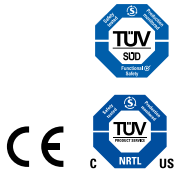
RUGGED AND RELIABLE INTERLOCKING DEVICES PROTECT AREAS FROM ACCESS

Safety switches with a separate actuator are protection devices which simultaneously provide personal and machine protection. Together with a machine controller and a guard, they secure the hazardous area against access. Depending on the application requirements, safety switches without guard locking, with mechanical guard locking (power-to-unlock) or with solenoid guard locking (power-to-lock) can be used.

Features

- Rugged, metal housing with status indicator
- Rotating head (90° increments) with side or top actuator entry
- M12 plug connection (5-pin, 8-pin)
- Guard locking device versions with either spring locking force (closed circuit principle) or solenoid locking force (open circuit principle)
- High locking force up to 2500 N





SAFETY SWITCH



	BID0005	BID0004	BID0002	BID0003	BID0001
Guard locking		Mechanical (closed-circuit current) power-to-unlock	Mechanical (closed-circuit current) power-to-unlock	Solenoid (open-circuit current) power-to-lock	Solenoid (open-circuit current) power-to-lock
Escape release			Yes		Yes
Door contacts	2 × positive opening contacts and 1 × NO	1 × NO	1 × NO	1 × NO	1 × NO
Magnetic contacts		2 × positive opening contacts	2 × positive opening contacts	2 × positive opening contacts	2 × positive opening contacts
Connection	M12 connector, 5-pin	M12 connector, 8-pin	M12 connector, 8-pin	M12 connector, 8-pin	M12 connector, 8-pin

ACCESSORIES



	BAM0270	BAM0271	BAM0272
Description	Actuator, angled	Actuator, swinging doors handle	Actuator, sliding doors handle

CONNECTOR



	BCC0H1T	BCC0H20	BCC0H25	BCC0H2A
Type	2 m cable PUR (yellow) for safety applications	2 m cable PUR (yellow) for safety applications	2 m cable PUR (yellow) for safety applications	2 m cable PUR (yellow) for safety applications
Connector 1	M12 female, 5-pin (straight)	M12 female, 5-pin (straight)	M12 female, 8-pin (straight)	M12 female, 8-pin (straight)
Connector 2	M12 male, 5-pin (straight)	M12 male, 5-pin (right-angle)	M12 male, 8-pin (straight)	M12 male, 8-pin (right-angle)