

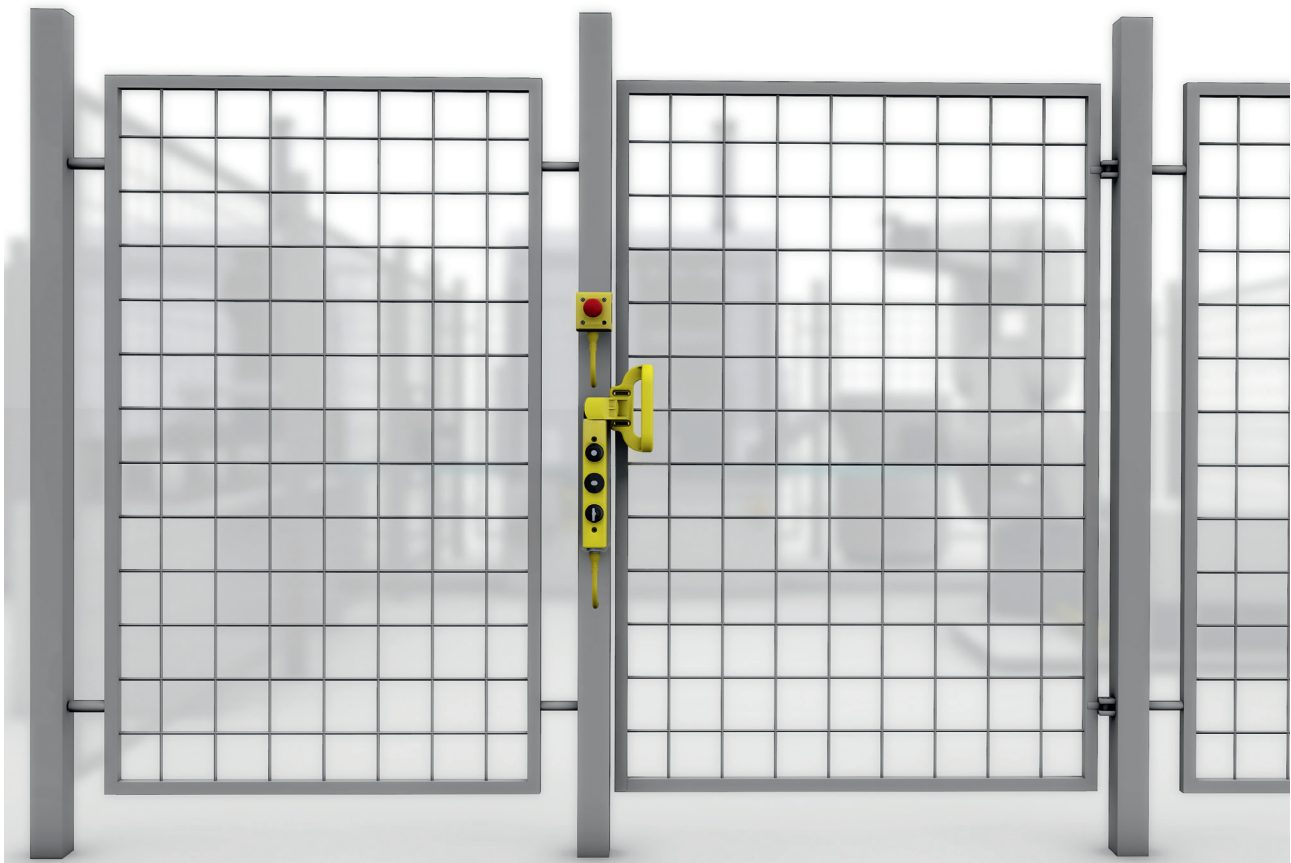
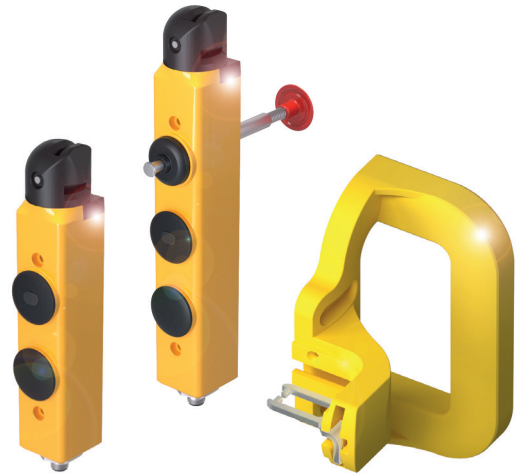
Rugged and reliable interlocking (devices) and guard locking devices

BID F101 SAFETY SWITCH WITH OR WITHOUT GUARD LOCKING (FUNCTION)

Safety switches with 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 requirements, safety switches without guard locking, with mechanical guard locking, or with electrical guard locking can be used.

Features

- Rigid metal housing with status indicator
- Rotating head (90° increments) with two insertion openings
- M12 plug connection (5-pin, 8-pin)
- Guard locking device for operating or quiescent current
- High locking force up to 2500 N





SAFETY SWITCH

| | BID0005 | BID0004 | BID0002 | BID0003 | BID0001 |
|-------------------|------------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|-----------------------------------|
| Guard locking | | mechanical (closed-circuit current) | mechanical (closed-circuit current) | electrical (open-circuit current) | electrical (open-circuit current) |
| 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 |



CONNECTORS

| | 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 |
| Connection | Head 1 | M12 female, 5-pin (straight) | M12 female, 8-pin (straight) | M12 female, 8-pin (straight) |
| | Head 2 | M12 male, 5-pin (straight) | M12 male, 8-pin (straight) | M12 male, 8-pin (right-angle) |



ACCESSORIES

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