



Coupling Cable for functional handles B8100 to B8400

Electronic Handles



B8880

ELECTRONIC HANDLES

Material

Cable spot welded to coupling.

Technical Notes

Ready made cable for use with our func-

tional handle range B8100 to B8380.

Please review individual handles for more
suitable coupling types.

Order No.	Coupling Type	Thread	Cable length m
B8880.AC0080	8-Pole	M12x1	5
B8880.AC0082	8-Pole	M12x1	10
B8880.AC0120	12-Pole	M12x1	5
B8880.AC0122	12-Pole	M12x1	10
B8880.AC0125	12-Pole	M23x1	10

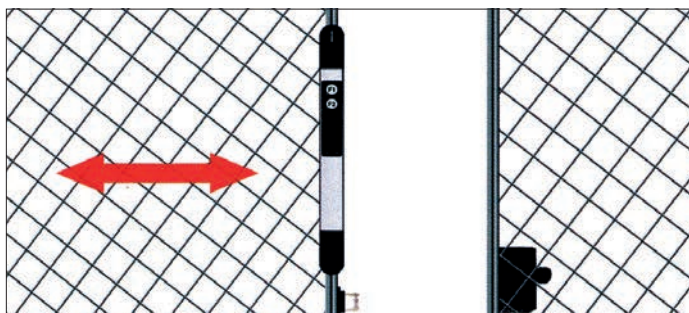


Wixroyd's functional handles **B8100 - B8900** provide the ideal combination of ergonomics, productivity and safety for machine guards, enclosures or wherever there is a machine/operator interface.

Wixroyd functional handles incorporate switching, control and monitoring functions exactly at the point they are required - namely the enclosure handle. Functional handles are mounted on the moveable part of the door/enclosure, while the additional solenoid interlock, part no. **B8900**, which enables locking and monitoring of the door condition, is mounted on the static part of the door/enclosure. All models in the series have been designed on the same basic principles and can incorporate the following functions:

- **Simple operation;** all buttons and controls on the handles are simply activated with the thumb allowing for control and opening of the guard in just one movement.
- **Deactivation of the dead lock;** each handle has a button to deactivate and unlock the dead lock, two LED's indicate whether the door is locked or unlocked.
- **Safety;** machine start and stop buttons can optionally be integrated into the handle, as well as a machine emergency stop button.
- **Modular design;** handle **B8320** has been designed on a modular basis allowing for individual programming of handle functions for your own application
- **Electromechanical locking;** in combination with our solenoid interlocking devices **B8900** our functional handles provide an electromechanical locking system for both revolving and push doors.

Basic non-functional handles available in same design to act as counter-handles.



Features



Programmable

Robust functional handles with separately programmable elements to suit any application.



Functional

Functional handle with inbuilt emergency stop with 2 NC and 1 NO contacts for PLC systems.



Ergonomic

Simple and ergonomic mechanically locking handles, with electrical monitoring function; for use on cabinets and enclosures.



Inter-locking

Solenoid interlocks can be used to bolt doors or enclosures mechanically, with switching contacts enabling the monitoring of the lock/enclosure status.



Release button

Activating the release button deactivates the dead lock and opens the safety door. Two LED's above the release button indicate to the operator whether the door is locked or unlocked.



Emergency stop

Optional emergency stop button allows the operator to bring the entire machine to a stand still. The machine can then be resumed by re-setting the handle via a twist of the button. Conforms to EN418.



Start button

Machine start buttons can be included in the handle to initiate the machine.



Positioning

The start button can be positioned either above the door release button or when no emergency stop button is used, can be positioned on the top of the handle.