



- 1-channel
- Control circuit EEx ia IIC
- 230 V AC supply voltage
- · Reversible mode of operation
- · Lead breakage (LB) monitoring
- 1 relay output with 1 changeover contact

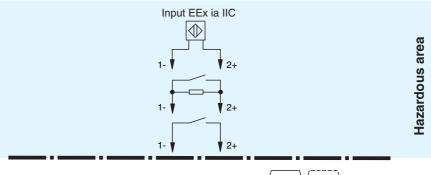
WE 77/Ex-1 230V

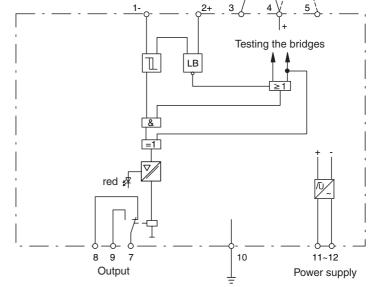
Function

The transformer isolated barrier transfers digital signals into hazardous areas. Sensors per EN 60947-5-6 (NAMUR) or mechanical contacts may be used as transmitters.

The control circuit is monitored for lead breakage (LB).

Connection

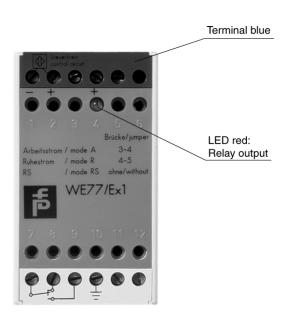




Composition

Front View

Housing type W1 (see system description)



Mode of Operation

Mode of operation without lead breakage detection

Jumpers	Input	Output
Jumpers between terminals 4 and 5		+ +
	0-Signal	Relay energized
Jumpers between terminals 4 and 5		- -+
	1-Signal	Relay de-energized
Jumpers between terminals 3 and 4		+ + 1
	1-Signal	Relay enegized
Jumpers between terminals 3 and 4		├ -#
	0-Signal	Relay de-energized

Mode of operation with lead breakage detection

Jumpers	Input	Output
Without jumpers	10 κΩ	+ +'
	0-Signal	Relay energized
Wichout jumpers	10 κΩ	⊹ -†
	1-Signal	Relay de-energized
Wichout jumpers	10 κΩ	⊹ -†
	0-Signal	Relay de-energized
Without jumpers	10 κΩ	├ - /
	1-Signal	Relay de-energized