



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

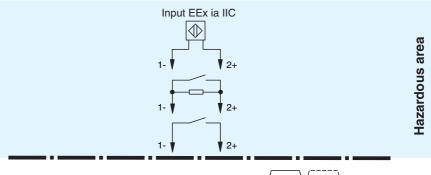
WE 77/Ex-1 115V

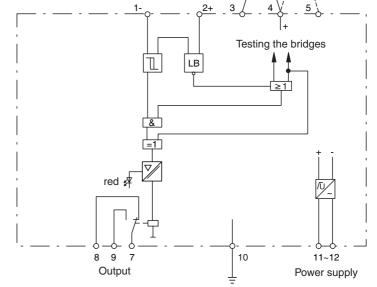
Function

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

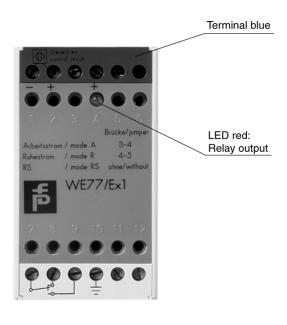




Composition

Front View

Housing type W1 (see system description)



Technical data WE 77/Ex-1 115V

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 KΩ	 -
	1-Signal	Relay de-energized
Wichout jumpers	10 κΩ	-
	0-Signal	Relay de-energized
Without jumpers	10 κΩ	⊹ -†
	1-Signal	Relay de-energized