



PROX.230A Proximity switch with settable delay

A4240004

PROX.24A Proximity switch with settable delay

A4240006

PROX.24F Proximity switch without delay

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Contents

Applications _____ 1
 Features _____ 1
 Dimensions _____ 1
 Working _____ 2
 Diagram _____ 2
 Technical specifications _____ 2



Applications

The PROX is a capacitive proximity switch that can be used as an empty/full or level indicator in tanks, silos, hoppers, storage hoppers or reservoirs.

Features

PROX.24A Proximity switch with settable delay

- The PROX.24A (24V~/= power supply) has a relay with a delayed pull in time
- This delay is settable from 1 sec. to 10 min.
- Distance settable from 4-12 mm
- LED ON No feed
 OFF Feed
 FLASHING Time delay active

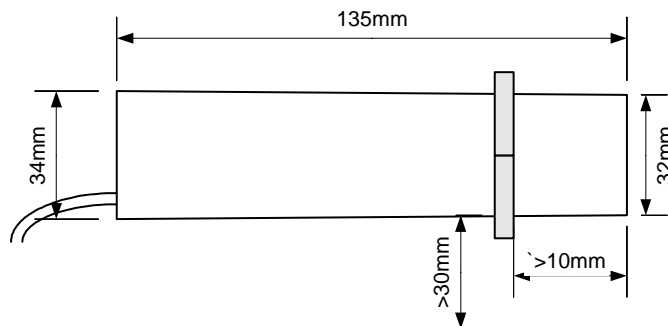
PROX.230A Proximity switch with settable delay

- This PROX.230A (230V~ power supply) has a relay with a delayed pull in time
- This delay is settable from 1 sec. to 10 min.
- Distance settable from 4-12 mm
- LED ON No feed
 OFF Feed
 FLASHING Time delay active

PROX.24F Proximity switch without delay

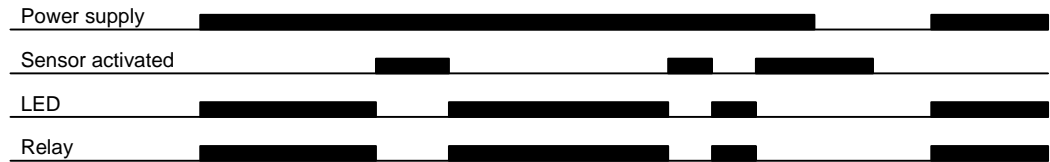
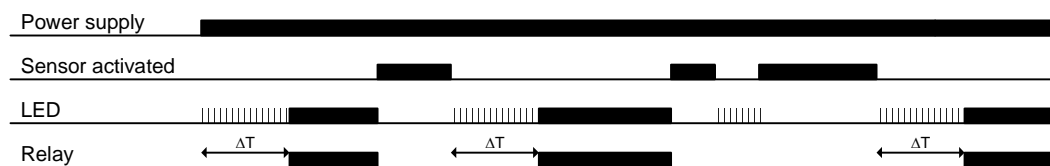
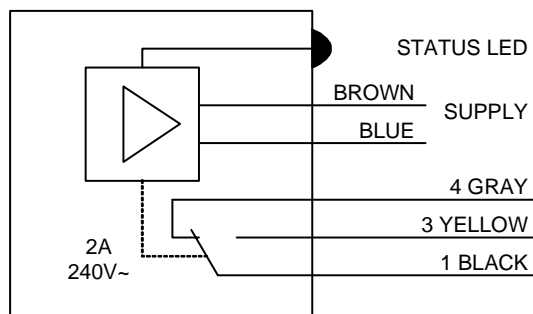
- The PROX.24F (24V~/= power supply) has a relay without delay
- Distance settable from 4-12 mm
- LED ON No feed
 OFF Feed

Dimensions



**Working**

A proximity switch is an electronically controlled relay that is activated as a contact-free switch by most substances as soon as they approach the protruding part of a sensor. These substances may be liquid or solid (feed).

Diagram working 24F**Diagram working 24A and 230A****Diagram****Technical specifications****Power supply**

Voltage 24A and 24F	22-30 Vdc
	20-30 Vac @ 50/60 Hz
Operating voltage 230A	180-275 Vac @ 50 Hz
	150-250 Vac @ 60 Hz
Frequency	47-63Hz
Power consumption	Nominal 1,4VA. Max. 2VA

Various

Switch current	Maximum 2A at 220V
Switch frequency	Maximum 2 times per second
Sensitivity	4-12 mm, factory setting 7 mm
Hysteresis	1,5 mm
Time delay (only 24A and 230A)	1 sec. – 10 min.

Housing

Material	Plastic
Class	IP67
Dimensions (lxd)	135x34(32) mm
Mounting	In swivel PG36
Weight (unpacked)	300g

Ambient climate

Operating temperature	-20°C to +70°C
Storage temperature	-40°C to 70°C