EagleBurgmann
a member of EKK and FREUDENBERG

RELY ON EXCELLENCE

SPK Contact unit

Seal Supply Systems | Instrumentation

Features

The contact unit of the SPK range is used for fluid level monitoring through zero contact magnetic actuation of a contact. The contact unit consists of one or more magnetic elements which transmit the position of the fluid level or of the pressure booster piston rod to the switches without touching. The switches are reed contacts or inductive contacts in accordance with NAMUR.

Advantages

- Simple and reliable technology
- Easy to fit
- Wide range of applications throughout the processing industry

Recommended applications

- Process industry

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All technical specifications are based on extensive tests and our many years of experience. The diversity of possible applications means, however, that they can serve only as guide values.
We must be notified of the exact conditions of application before we can provide any guarantee for a specific case. Subject to change.

Installation, details, options

Product variants

Designation	SPK2000/ A004	SPK2000/ A005	SPK2000/ A006	SPK2000/ A012	SPK2000/ A101	SPK2000/ A102	SPK2000/ A103
Type							
Reed contact	■	■	■		■	■	■
Proximity contactacc. to NAMUR				■			
Contact position							
MIN level	■	■	■	■	■	■	■
Normal level			■				■
MAX level	■		■	■		■	■
Contact function							
Contact breaker	■	■	■				
Flipflop(reversible function)					■	■	■
Explosion protection							
Category	II 2 G D	II 2 G D	II 2 G D	II 2 G	-	-	-
Type of protection	ia/m	ia/m	ia/m	ia	-	-	-
Temperature class	T5/T105 °C	T5/T105 °C	T5/T105 °C	T1-T6	-	-	-
Contact load*)							
Max. 1 A / 20 W / 150 V	■	■	■				
Max. 0.5 A / 12 W / 70 V					■	■	■

*) Not in harzardous duty area. With inductive loads, contact protection measures are necessary.

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