



INDUSTRIKOMPONENTER A/S
En anerkendt partner i Mobil Energi

WIRENØDSTOPSYSTEMER PAS



For mere specifikke oplysninger om disse produkter, og
hvordan de kan dække dine behov, ring venligst

INDUSTRIKOMPONENTER A/S

Energivej 33 DK-2750 Ballerup

Tlf: +45 5672 0000 Fax: +45 5672 0005

www.industrikomponenter.dk



INDUSTRIKOMPONENTER A/S
En anerkendt partner i Mobil Energi

WIRENØDSTOPSSYSTEMER PAS

ANVENDELSE

Pull-rope emergency stop switches type PAS are used in accordance with the requirements of EN 620 as well as BGI 710 and in conformity with DIN EN ISO 13850 as emergency stop devices as supplementary safety measures on conveyor belt systems. The pull rope is tensioned on one side of the actuating shaft.

The devices are suitable primarily for indoor use and applications where the ambient temperature varies only in a small range. With the pull-rope-system functionally aligned, the emergency stop signal can be triggered over a distance of 30m.

Pull rope emergency stop switches type PAS comply with Machinery Directive 2006/42/EG. The device must only be used in electrical control circuits.

The PAS plastic housing offers space for 1 SPDT and 1 N.C. contact. Taking into consideration the safety data and maintenance recommendations, the pull rope emergency stop switch type PAS can be used in safety circuits in accordance with DIN EN ISO 13849 up to Performance Level e (PL_e).

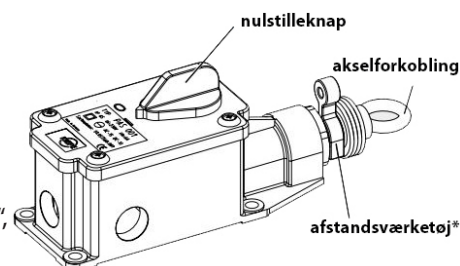
FUNKTION

The emergency stop signal can be activated by pulling or breaking of the pull wire or by pushing the blue emergency stop button when the switch is correctly adjusted. The spacer tool* helps to find the correct operating position for a proper work and has to be removed after adjustment.

The microswitches are actuated by a spring supported cam disc at the same time. The emergency stop signal is performed with positive-making normally closed (NC) contacts in accordance with the closed circuit principle.

After the emergency stop function is triggered, the switching mechanism is locked in the shut-off position "0". The blue reset button can only be removed to position "1", when the actuating shaft is back in operating position.

In position "1", the switching contacts are reactivated and the conveyor belt is prepared for start up the belt conveyor but shall not cause the start up.



*Gem afstandsværketøj til fremtidige justeringer

TEKNISKE DATA

Betegnelse	Wirenødstopssystem type PAS Nødstop med låsestop
Aktivering	Pull and wire-break detection; snap action, single-side rope installation
Enhed overholder	DIN EN ISO 13850, DIN EN 60947-5-5, DIN EN 60947-5-1;
Egnet til	Kontroludstyr i overensstemmelse af DIN EN 60204
FUNKTION	
Kabinet	PBT gul; RAL 1004
Nulstillingsknapper	IXEF; blå, similar to RAL 5010
Montering	4 x M6
Wire længde	Up til 30m
Vægt	0,4 kg

INDUSTRIKOMPONENTER A/S

Energivej 33 DK-2750 Ballerup

Tlf: +45 5672 0000 Fax: +45 5672 0005

www.industrikomponenter.dk



INDUSTRIKOMPONENTER A/S
En anerkendt partner i Mobil Energi

WIRENØDSTOPSSYSTEMER PAS

TEKNISKE DATA

Elektrisk system	
Omstillingsanlæg	1 SPDT, 1 N.C.; alle skift elementer positive beslutningstagning opselvrensende
Kabelindføring	3 x M20 x 1,5 threaded holes with 3x dummy screw; 1x cable gland; Sealing area Ø 6mm-12mm
Brydeevne	AC-15: 230 V / 1,5 A; DC-13: 60 V / 0,5 A; DC-13: 24 V / 2,0 A
Connection cross section	1 mm ² til 2,5 mm ²
Nominal isolering spænding U _i	AC 250 V
Rated impulse withstand voltage U _{imp}	2,5 kV, degree of pollution III
Konventionel termisk strøm I _{th}	6 A
Contact reliability	10 millioner switching operations (mechanically)

Omgivelsestemperatur i overensstemmelse med DIN EN 60947-5-5

Tilladt omgivelsestemperatur	-25 °C til +70 °C
Tætningsgrad	IP 65 (EN 60529)

Sikkerhedsdata i overensstemmelse med DIN EN ISO 13849 og EN 61062:

Safety functions	Nødstop inkl. låsestop
Usable in risk zones	Op til PLe (depending on customer application (DIN EN ISO 13849))
B10d-value	10.000 aktiveringer

SELECTION TABLE

Switch Type	NC	SPDT
PAS 001 (91.057 560.001)	1	1
PAS 101, rustfrit (91.057 560.101)	1	1

Reservedel og Tilbehør

Cable gland M20 x 1,5 (Sealing range 6 mm til 12 mm) (113.51.00.15.10)
Dummy screw M20 x 1,5 (113.43.87.15.01)

MONTERING

Pull-rope emergency stop switches of types PAS are each fastened to the substructure in installation position with 4x M6 screws.

Electrical connection is performed with the device open on a connector block, using the cable gland included in the delivery.

The pull rope (1) is connected to the shaft connector and the external spring (2) and has to be tensioned with spring and turnbuckle (4) till the spacer can be removed easily. This is the correct operating position.

INDUSTRIKOMPONENTER A/S

Energivej 33 DK-2750 Ballerup

Tlf: +45 5672 0000 Fax: +45 5672 0005

www.industrikomponenter.dk



INDUSTRIKOMponenter A/S
En anerkendt partner i Mobil Energi

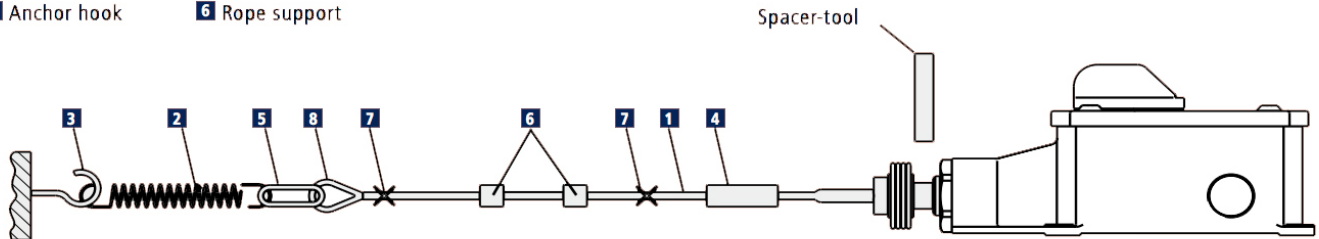
WIRENØDSTOPSSYSTEMER PAS

MONTERINGSDIAGRAM

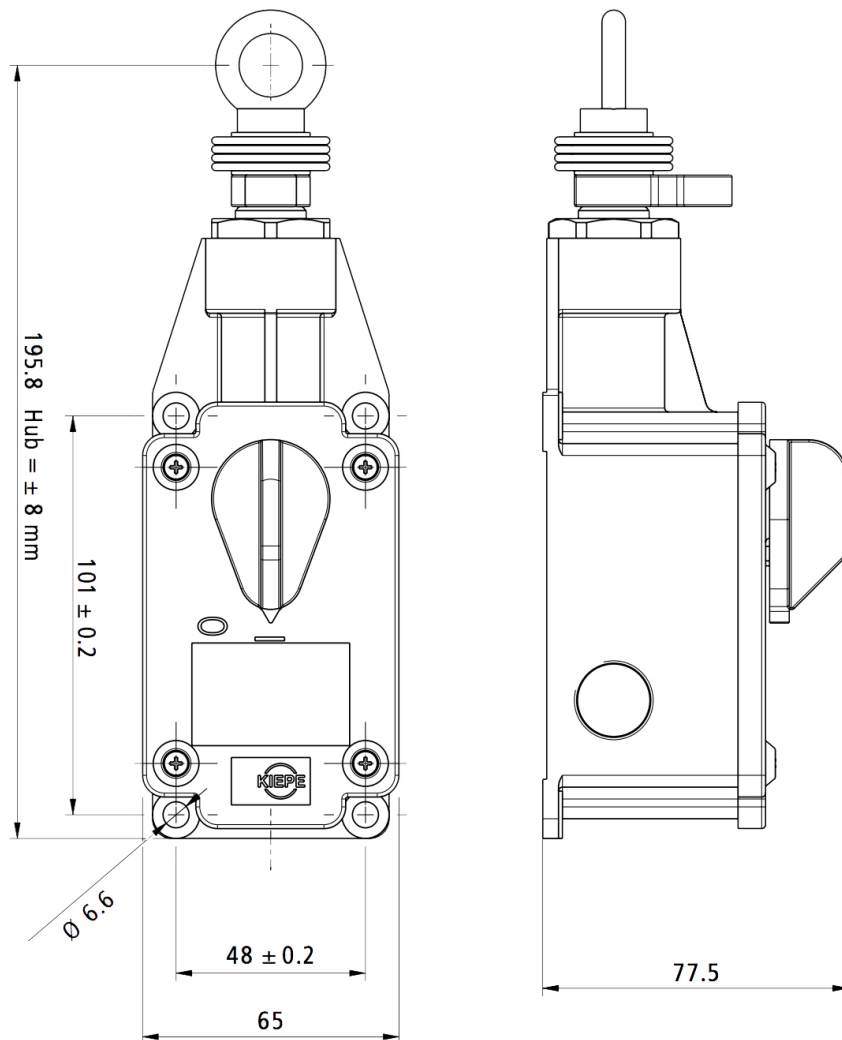
- 1 Pull rope
- 2 Tension spring
- 3 Anchor hook

- 4 Turnbuckle
- 5 Quick link
- 6 Rope support

- 7 2x Clamps
- 8 Thimble



DIMENSIONER



INDUSTRIKOMponenter A/S

Energivej 33 DK-2750 Ballerup

Tlf: +45 5672 0000 Fax: +45 5672 0005

www.industrikomponenter.dk