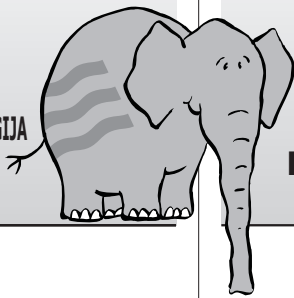


BEZBEDONOSNA TEHNOLOGIJA  
ZA ZAŠTITU  
ZIVOTNE SREDINE



SAFETY AND  
ENVIRONMENTAL  
TECHNOLOGY

E.L.B.  
FÜLLSTANDSGERÄTE



01-07-03E

ÜBERFÜLLSICHERUNGEN • LECKAGESONDEN • OVERFILL CUT-OUT DEVICE • LEAK DETECTOR

## Detektori isticanja (Provodljivi), Tip ELH 24V,DC direktna struja(ET-470)

sa opštim odobrenjem za  
konstruisanje Z-65.40-191

• Varirajuće instaliranje, bez problema u  
sudu za skupljanje kroz "dizajn konopca".

• Nizak nivo reakcije

## Ključ tipa

### Osnovne oznake

#### Materijal šipke

VA = Nerdjajući celik (1.4571)  
HB = Hastelloy B  
HC = Hastelloy C  
TI = Titanijum  
TA = Tantal  
KO = Ugljenik

#### Veza

1 = kutija instalirana, sa vezom zavrtnja

#### Dužina kabla u m (standardni TPK)

1 = 1 m

2 = 2 m itd.

#### Otpor linije za nadgledanje

100 = 100 k

#### Dimenzije detektora za isticanje

bez indikacija = Ø 40 mm

15 = Ø 15 mm

25 = Ø 25 mm

#### Velicina zavrtnja fasunga

bez indikacija = G1½"

1" = G1"

125" = G1¼"

2" = G2"

GF = G2¾" obrtni navoj

#### Materijal detektora za propuštanje

bez indikacija = PE (Polietilen)

PP = Polipropilen

PV = Polivinil hlorid

PVDF = Polivinilidendifluorid

#### Materijal kabla bez indikacija = TPK

FEP = Teflon

#### Evaluacija elektronike

ET = sa elektronskim delom

ET-470

ELH 2

## Leak Detectors (Conductive), Type ELH 24 V DC direct (ET-470)

with general approval for  
constructions Z-65.40-191

• Problem-free, variable installation in the  
collecting basin through "rope design"

• Low response height

## Type Key

### Basic designation

#### Rod material

VA = Stainless steel (1.4571)

HB = Hastelloy B

HC = Hastelloy C

TI = Titanium

TA = Tantalum

KO = Carbon

#### Connection

1 = box installed, with screw connection

#### Cable length in m (standard TPK)

1 = 1 m

2 = 2 m etc.

#### Resistance of the line monitoring

100 = 100 k

#### Leak detector dimensions

without indication = Ø 40 mm

15 = Ø 15 mm

25 = Ø 25 mm

#### Size of screwed socket

without indication = G1½"

1" = G1"

125" = G1¼"

2" = G2"

GF = G2¾" swivel nut

#### Material of the leak detector

without indication = PE

(Polyethylene)

PP = Polypropylene

PV = Polyvinylchloride

PVDF = Polyvinylidendifluoride

#### Cable material without indication = TPK

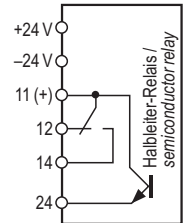
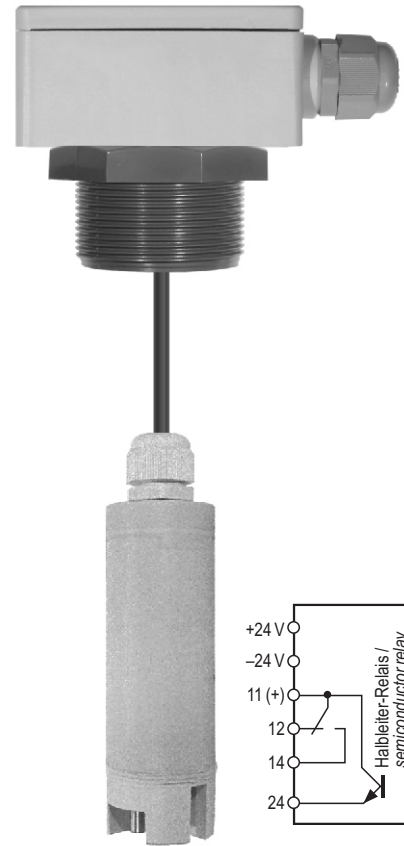
FEP = Teflon

#### Evaluation electronics

ET = with electronics

part ET-470

ELH 2



## Elektronski delovi u kutiji konektora / Electronics Part in the Connector Box

Elektronski deo ET-470 može se ugraditi u glavu spojnice elektrode ELH. Elektronskim delom se upravlja volтажom od 24V DC i ima jedan izlaz za promenljivi prekidač i omsostruku spojnicu (NO).

The electronics part ET-470 can be built into the connection head of the electrode ELH. The electronics part is operated with a supply voltage of 24V DC and has 1 change-over switch exit and an opto coupler (NO).

ELH 24 V DC direkt (ET-470)  
ELH 24 V DC direct (ET-470)

## Tehnički podaci

Operativna temperatura	-20...+85 °C
Temperatura skladišta	-30...+85 °C
Procenjena volтаža	20...30 V DC
Potrošnja energije	max. 2 W
Prebacivanje volтаže	max. 230 V AC / V DC min. 5 V DC (CMOS-releji)
Prebacivanje struje	max. 0,1 AAC / ADC
Osmostruka spojnica	min. <1 mA
Relej za prebacivanje struje	3 A
Kapacitet prebacivanja	max. 25 VA / W
Osetljivost	3k ... 100 k iu četiri koraka (3, 10, 30, 100 k )po izboru

## Technical Data

Operating temperature	-20...+85 °C
Storage temperature	-30...+85 °C
Rated voltage	20...30 V DC
Power consumption	max. 2 W
Switching voltage	max. 230 V AC / V DC min. 5 V DC (CMOS relay)
Switching current	max. 0,1 AAC / ADC
Opto coupler	min. <1 mA
Switching current relay	3 A
Switching capacity	max. 25 VA / W
Sensitivity	3k ... 100 k in four steps (3, 10, 30, 100 k )selectable

## Konstrukcija sistema

Dodatne informacije mogu se naći u  
uputstvu 01-07-01.

## System Construction

Additional information you can find in the  
data sheet 01-07-01.

