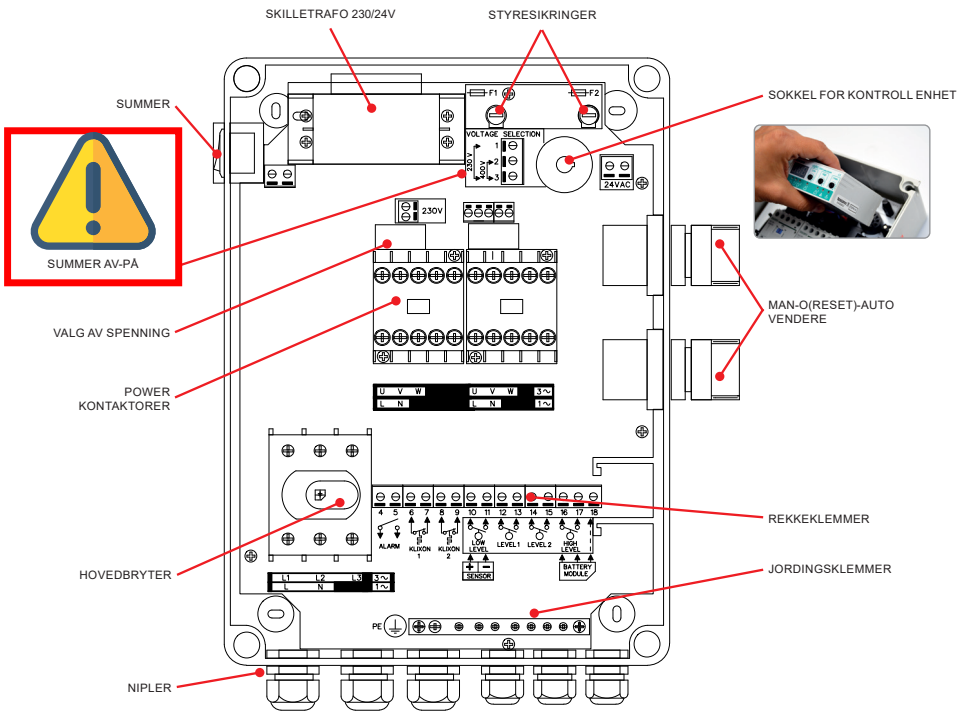
VIGILEC ZERO V2ZBS

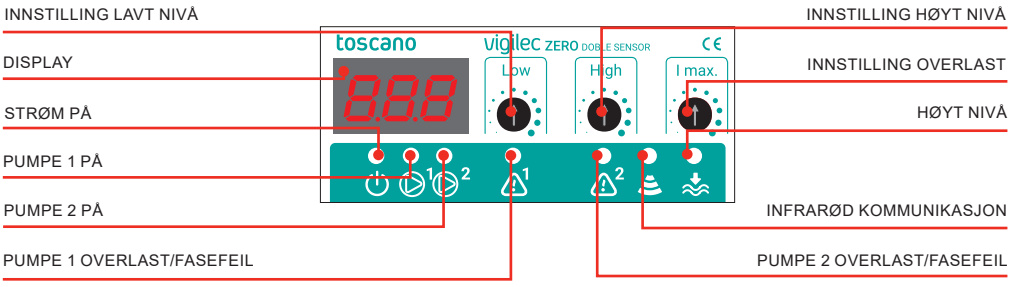
Drain Doble Sensor

hurtig start guide

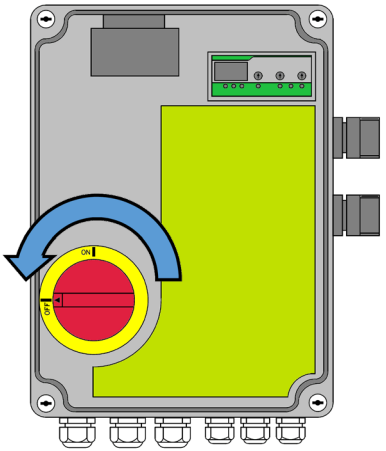
Intern konfigurasjon

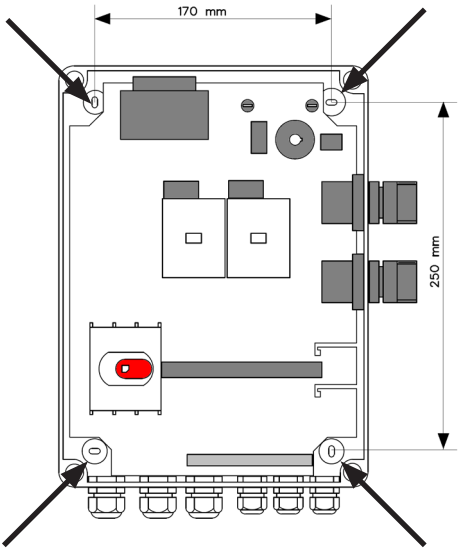


Kontroll rele



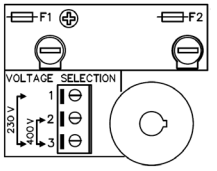
Installasjon

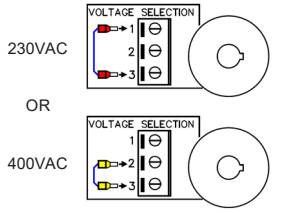




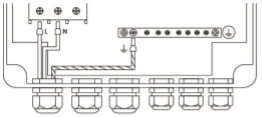
Spennings valg

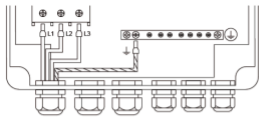


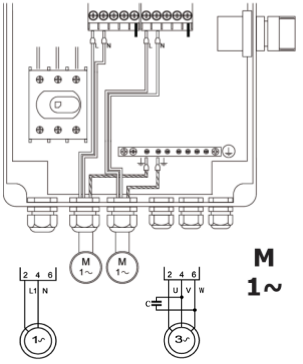


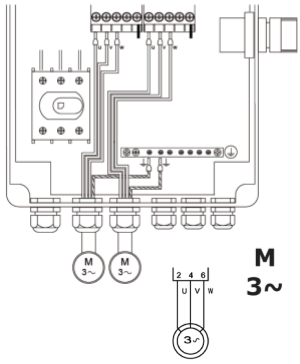


Pumpe tilkobling

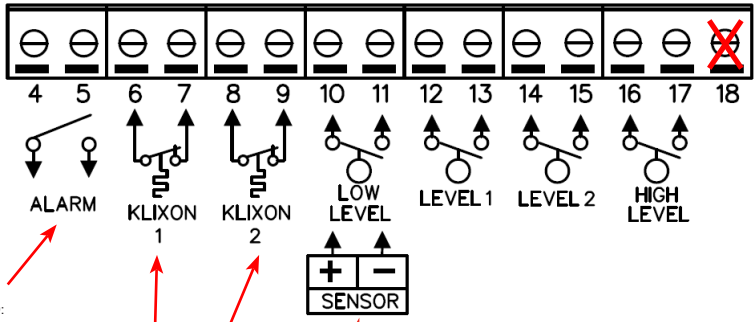








Control connections



Klemme 18 er bare for opsjons moduler (se side 8)

ALARM KONTAKT
DEN LUKKES IVED:

- STRØMBRUDD
- FEIL PÅ PUMPE
- HØYT NIVÅ
- NÅR BEGGE VENDERE STÅR
- I "0" POSISJON
- FEIL PÅ SENSOR (SENSOR)

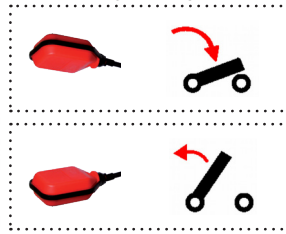


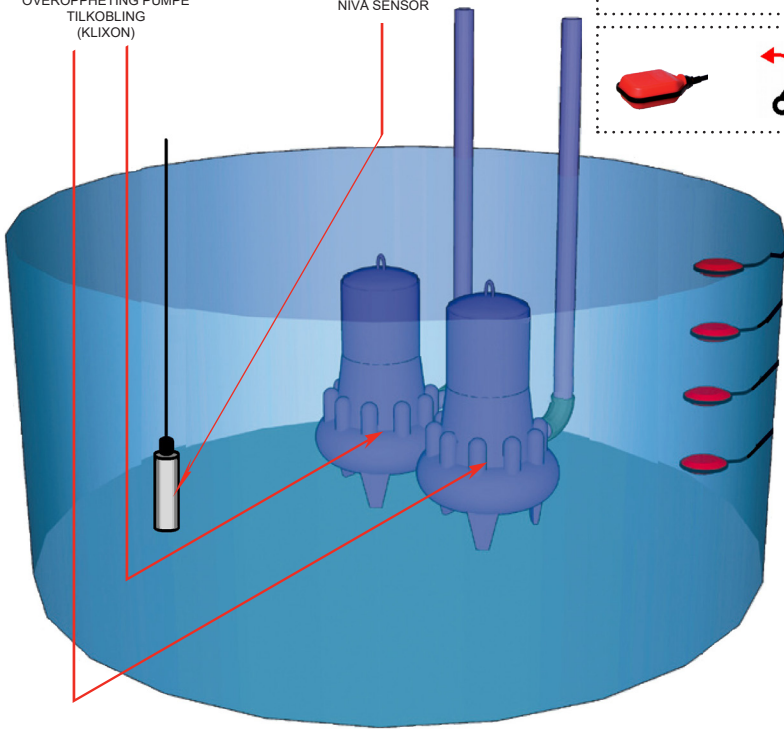
OVEROPPHETING PUMPE
TILKOBLING
(KLIXON)



4-20mA
NIVÅ SENSOR

NIVÅVIPPER
KONTAKT LUKKET
FOR INNSLAG





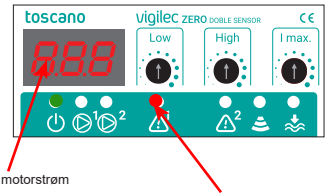
Vendere





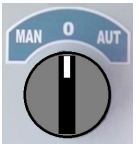
MANUELL

CAUTION
PUMP NOT PROTECTED



motorstrøm

Blinker i manuell modus







+

ALARM RESET



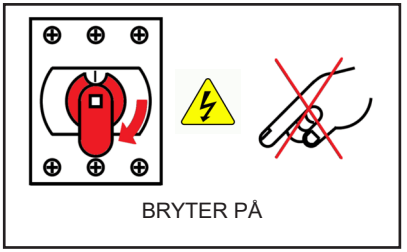




AUTOMODUS



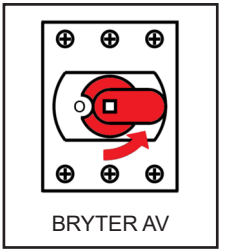
Oppsett



BRYTER PÅ

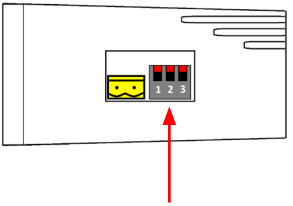


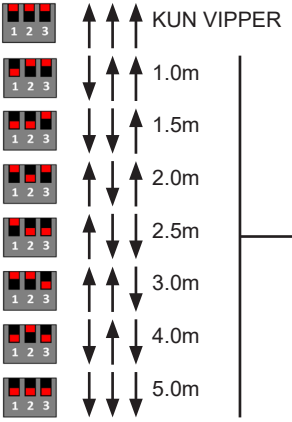
STILL INN SETTPUNKTER



BRYTER AV

Kontroll valg





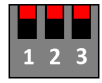
SENSOR RANGE AND FLOAT SWITCH SELECTION



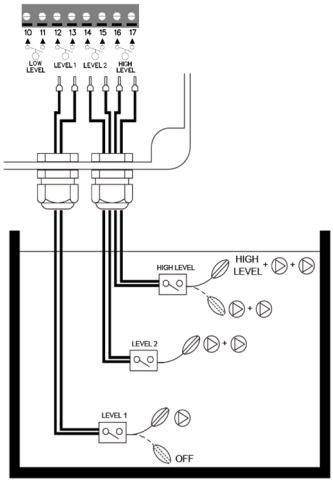


VALGFRI:
NIVÅ1, NIVÅ 2 ELLER
HØYT NIVÅ

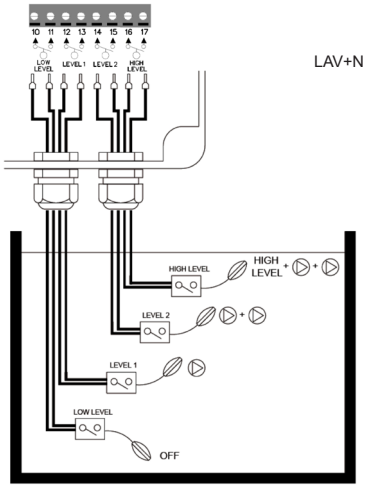
Nivåvippe driftsmodus



3 VIPPER



4 VIPPER



LAV+N1+N2+HØY



LAV+N1+N2



LAV+N1



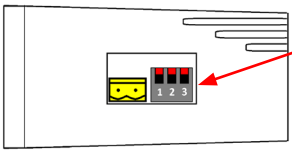
LAV



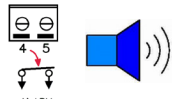
ALLE AV



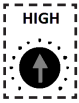
Nivåsensor 4-20mA innstilling og driftsmodus



1 VELG SENSORENS DRIFTSOMERÅDE
(se “instilling og valg av sensor / vipper” på side 4)

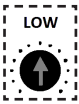


3 JUSTER



minimum 20cm

2 SETTING



minimum 10cm

4 AUTOMATISK OPPSETT

NIVÅ



4



4



NIVÅ

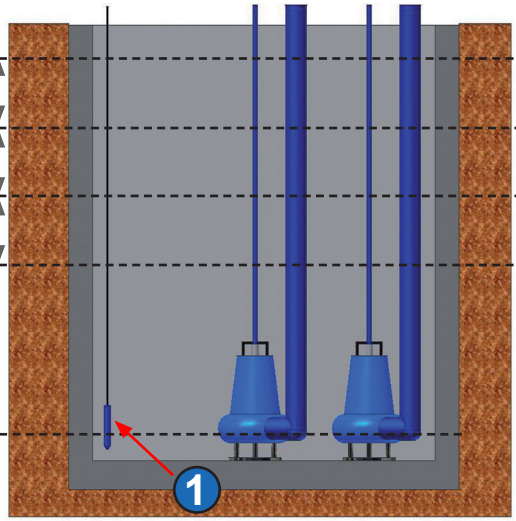




1/3

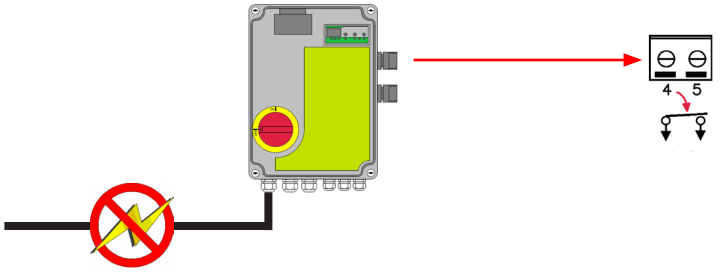
1/3

1/3

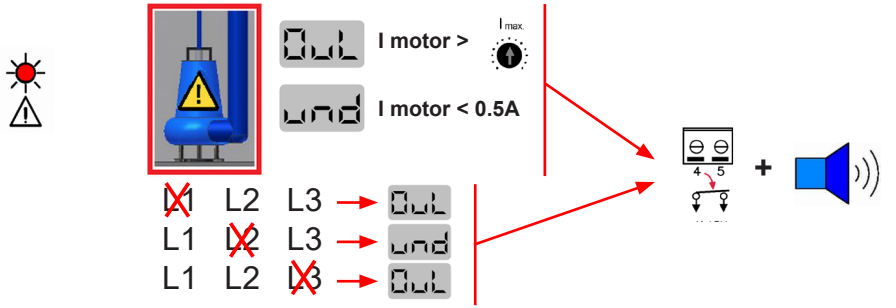


Problemstilling ved utløst alarm

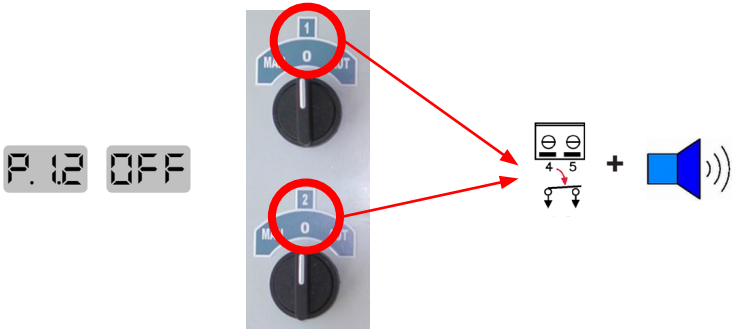
Spennings feil



Feil på pumpe



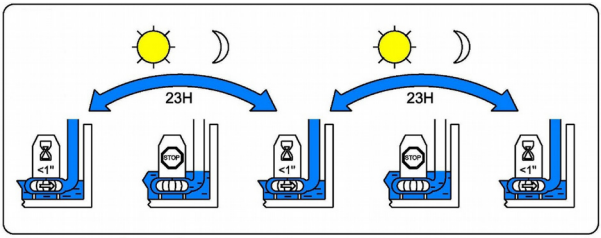
Ingen vendere i AUTO

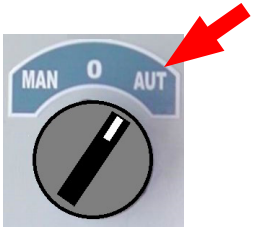


Sensor feil (4-20mA nivå sensor)

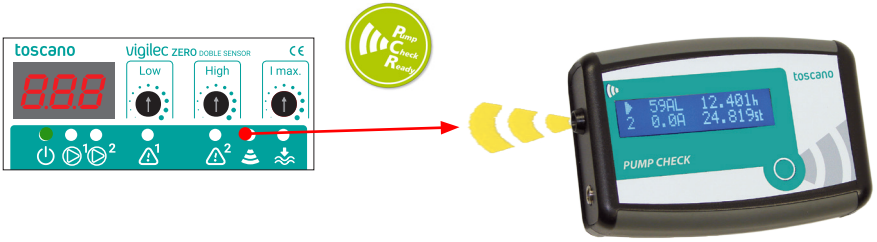


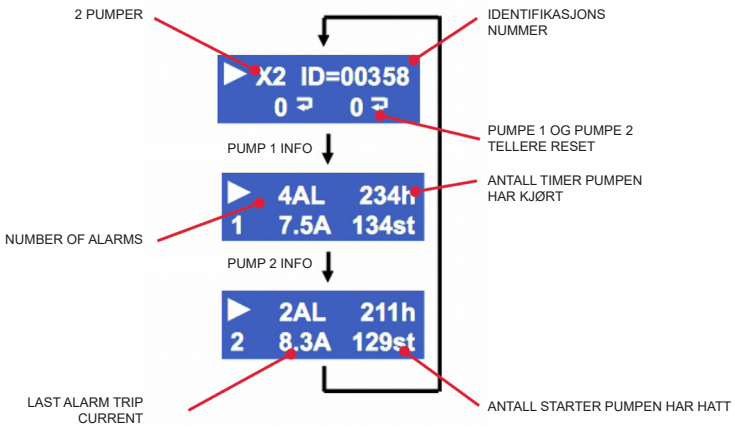
Forebyggende system for å hindre roterende deler å sette seg fast





Pumpe-sjekk

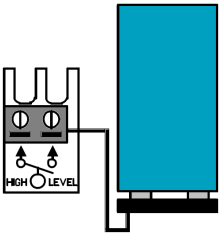




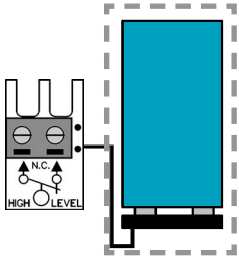
Andre funksjoner / opsjoner

- Pumpe alternering med forsinket start og stopp for pumper.
- Automatisk pumpe kommutering i tilfelle av svikt eller deaktivering av en av dem.
- Flere alternativer: hovedbryter, bimetall overstrømsrele eller fasesekvens rele.

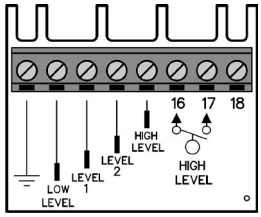
Tilleggs moduler (Direkte installasjon på nivåkontroll klemmene)



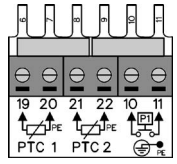
N.O. Batteri modul



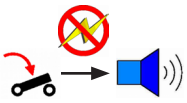
N.C. modul
(batteri valgfritt)



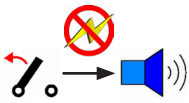
Ledende sonder/nivåstav



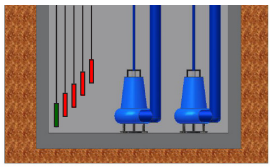
PTC motor beskyttelse

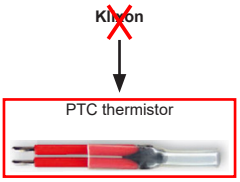


HØYT NIVÅ



HØYT NIVÅ





Tekniske spesifikasjoner

Forsyningsspenning	230V AC I/III or 400V AC III (valgbar) -20%...+30% 50/60Hz
Styrestrøm transformator	230-400V/24V AC – Hovedsikring: 0.2A (F1) / Sekundær sikring: 0.8A (F2)
Maksimal belasting for hver pumpe	1...12A (V2ZBS) / 5...16A (V2ZBS-E) / 5...22A (V2ZBS-F) - AC3
Overlast innstilling (Imax)	1.1...13A (V2ZBS) / 5.1...30A (V2ZBS-E/F) / (alarmen utløses i løpet av 7s)
Kontroll valg	Nivåvipper/flottører og/eller 4-20mA nivåsensor
Styrespenning innganger	24Vdc (nivåvipper/flottører)
Sensor 4-20mA forsyningsspenning	24Vdc
Sensor måleområde	1m, 1.5m, 2m, 2.5m, 3m, 4m ou 5m (valgbar)
Deteksjon sensorfeil	Åpen krets og kortsluttning
Justering lavt nivå (Low)	10cm...sensor måleområde
Justering høyt nivå (High)	Lavt nivå + 10cm...sensor måleområde
Justering nivå 2	Automatic setup 2/3 (Høyt nivå – Lavt nivå)
Justering nivå 1	Automatisk oppsett 1/3 (Høyt nivå – Lavt nivå)
Justering tørr nivå	Automatisk oppsett 1/2 Lavt nivå
Beskyttelse	Overlast, fasefeil og pumpe overheting (Klixon kontakter)
Alarm kontakt	5A 250Vac
Aktivering Alarm kontakt	Overlast, fasefeil, sensor feil, høyt nivå, ingen vender i AUTO og feil på strømtilførsel
Akustisk alarm lydnivå	12Vdc - 90dB
Informasjon (PUMPESJEKK)	Identifikasjons nummer, “reset” av tellere, antall timer pumpene har gått, antall starter, antall alarmer og siste alarm utløserstrøm
Størrelse / vekt / IP / Temperatur	300(høyde)x220(bredde)x120(dybde) / 3,550g / IP65 / -10º...+55º C
Kabelgjennomføring konfigurasjon	1xM25 (hovedforsyning) / 2xM20 (motorer) / 6xM16 (styring)

Cod. 50023371. Ed. 1.26

Toscano Línea Electrónica, S.L.
Av. A-92, Km. 6,5 - 41500 - Alcalá de Guadaíra - SEVILLA - SPAIN - (+34) 954 999 900 - www.toscano.es - info@toscano.es

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electronics for the environment