

# Interruptor de nivel NIVOSTOP® / C

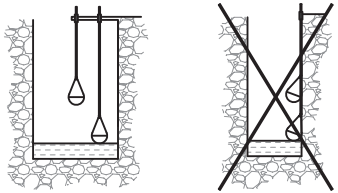
## Precauciones

- La instalación, el cableado eléctrico y la puesta en marcha deben estar conducidos por un técnico especialista.
- Conectar el cable respetando las características de alimentación especificadas.
- Desconectar de cualquier alimentación eléctrica para el mantenimiento y mientras se instala.
- El uso del interruptor de nivel debe respetar las instrucciones y recomendaciones listas mas adelante.

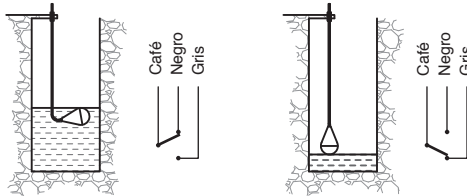
## Aplicaciones

Los interruptores NIVOSTOP® / C se utilizan en particular con líquidos agresivos (ácidos, alcalinos, etc.) hasta 100 °C

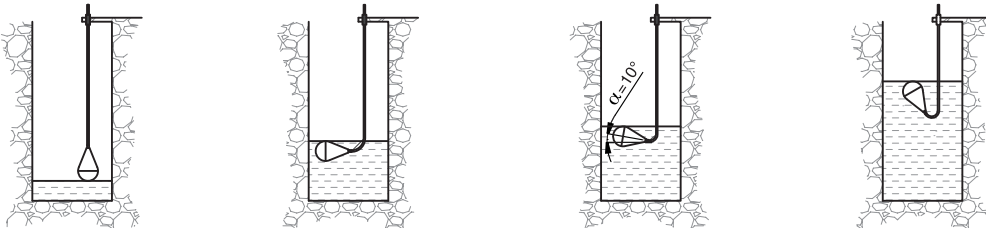
## Montaje



## Cableado



## Angulo de conmutación



## Características técnicas

Funcionamiento:	En cualquier dirección, suspendido por su cable
Presión:	2 bar, como máximo
Protección:	IP68
Flotador:	PP (Polipropileno), altura 180 mm / Ø 100 mm
Cable / Junta:	FEP / FPM
Temperatura:	+100°C como máximo
Densidad del medio:	De 0,95 a 1,05
Angulo de conmutación:	10°
Interruptor:	Contactos revestidos con oro
Limites:	1 mA / 4 V – 5 A 250 V
Cable:	3 x 0,5mm <sup>2</sup> para la conexión del controlador

**Conformidad:** Conforme a las directivas CE, Baja potencia: 2006/95/EC & Directivas de protección ambiental RoHS 2002/95/EC  
 • DIN EN 60730-1 (VDE 0631-1):2005-12+Ber.1:2007-11  
 +/A2:2008-04+/A15:2007-08+/A16:2008-02  
 • DIN EN 60730-2-16 (VDE 0631-2-16):2002-08+/A11:2005-11  
 • DIN IEC 60730-1 (VDE 0631-1):2008-10+/A3:2005-01



# Schwimmschalter NIVOSTOP® / C

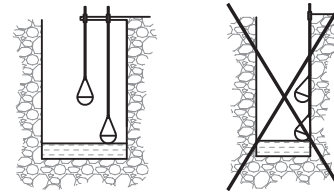
## Sicherheitshinweise

- Montage, Inbetriebnahme und Wartung dürfen nur von Fachpersonal durchgeführt werden!
- Gerät nur an die in den technischen Daten angegebene Versorgungsspannung anschließen!
- Bei Montage/Wartungsarbeiten Gerät spannungsfrei schalten!
- Gerät nur unter den in der Bedienungsanleitung definierten Bedingungen betreiben!

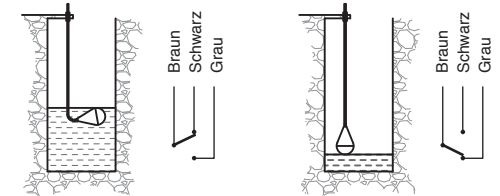
## Einsatzbereiche

Der NIVOSTOP-Schwimmschalter ist speziell für die Verwendung in aggressiven Medien wie z.B. Säuren und Laugen... konstruiert und kann bis zu einer Medientemperatur von 100°C eingesetzt werden.

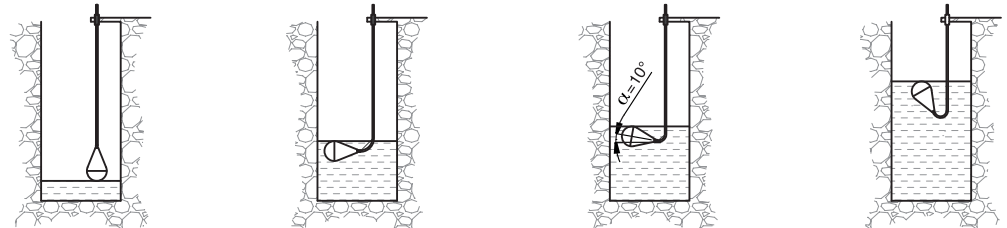
## Montage



## Verkabelung



## Schaltwinkel



## Technische Daten

Betriebsart:	Omnidirectional
Druck:	max. 2bar
Schutzart:	IP68
Gehäuse:	PP (Polypropylen), Höhe 180mm / Ø 100mm
Kabel / Dichtung:	FEP / FPM
Umgebungstemperatur:	+100°C max
Mediendichte:	0,95 - 1,05 kg/dm <sup>3</sup>
Schaltwinkel:	10°
Schaltelement:	Mikroschalter, vergoldete Kontakte
Schaltenergie:	1mA / 4V – 5A / 250V
Kabel:	3x 0,5mm <sup>2</sup> zum Anschluss an Füllstandsregler

**CE-Kennzeichen:** EG-Niederspannungsrichtlinie 2006 /95 /EG  
 EG-Umweltschutz-Richtlinie RoHS 2002 /95 /EG  
 • DIN EN 60730-1 (VDE 0631-1):2005-12+Ber.1:2007-11  
 +/A2:2008-04+/A15:2007-08+/A16:2008-02  
 • DIN EN 60730-2-16 (VDE 0631-2-16):2002-08+/A11:2005-11  
 • DIN IEC 60730-1 (VDE 0631-1):2008-10+/A3:2005-01



# Float Switch NIVOSTOP® / C

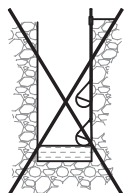
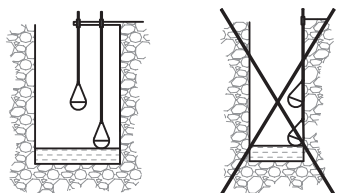
## Safety Precautions

- Assembly, initial start-up and maintenance may only be performed by trained technicians.
- The device may only be connected to the supply voltages specified in the technical features.
- Disconnect from all sources of voltage during assembly and maintenance work.
- The device may only be operated under the conditions specified in this operating instructions.

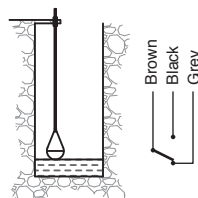
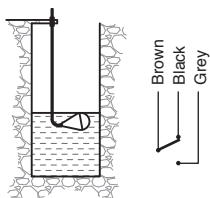
## Applications

The float level controller NIVOSTOP® / C is designed for use in aggressive fluids such as acids, basic solutions, etc.).

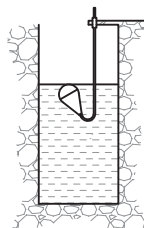
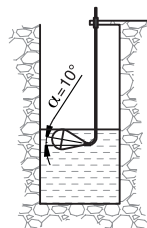
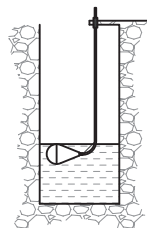
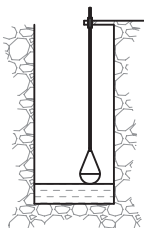
## Assembly



## Wiring



## Switching angle



## Technical features

Operating mode:	Omni directional
Pressure:	2 bar, as a maximum
Protection:	IP 68
Housing:	PP (Polypropylene), height 180 mm / Ø 100 mm
Cable / Seal:	FEP / FPM
Temperature:	+100°C, as a maximum
S.G.:	0.95...1.05 kg/L
Switching angle:	10°
Switch:	Change-over contact, gold plated
Switching limits:	1 mA / 4 V – 5 A / 250 V
Cable:	3x 0,5mm <sup>2</sup> for connection of level controller
<b>Declaration of conformity:</b>	<b>EC low-voltage directive 2006 /95 /EG</b> <b>EC environmental protection directive RoHS 2002 /95 /EG</b> • DIN EN 60730-1 (VDE 0631-1):2005-12+Ber.1:2007-11 +A2:2008-04+A15:2007-08+A16:2008-02 • DIN EN 60730-2-16 (VDE 0631-2-16):2002-08+A11:2005-11 • DIN IEC 60730-1 (VDE 0631-1):2008-10+A3:2005-01



# Détecteur de niveau NIVOSTOP® / C

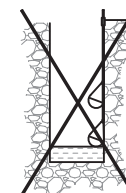
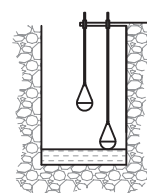
## Précautions

- L'installation, la mise en service et la maintenance doivent être effectuées par des personnels qualifiés.
- L'alimentation doit être conforme aux valeurs spécifiées dans les caractéristiques techniques.
- Déconnecter toutes les sources d'alimentations de l'appareil lors d'interventions ou tâches de maintenances.
- L'exploitation de l'appareil doit être conforme et strictement limitée aux applications, telles que mentionnées ci-dessous.

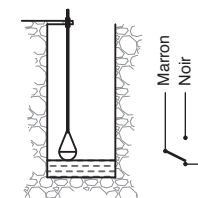
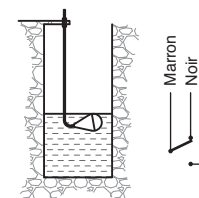
## Applications

Le détecteur de niveau NIVOSTOP® / C est un modèle spécialement conçu pour une utilisation avec des fluides agressifs (acides, bases, etc...) et jusqu'à 100 °C.

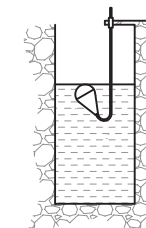
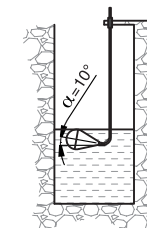
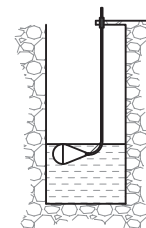
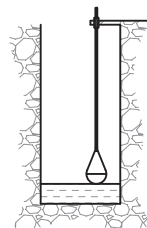
## Montage



## Raccordements électriques



## Angle de commutation



## Caractéristiques techniques

Fonctionnement :	Omnidirectionnel
Pression maxi admissible :	2 bar
Indice de protection :	IP68
Enveloppe :	PP (Polypropylène), hauteur 180 mm / Ø 100 mm
Câble / Joint :	FEP / FPM
Température maxi :	+100 °C
Densité admissible :	0,95 à 1,05
Angle de commutation :	10°
Micro rupteur inverseur :	Contacts revêtus Or
Pouvoir de coupe :	1 mA / 4V – 5 A / 250 V
Câble :	3 x 0,5mm <sup>2</sup> pour connexion du contrôle de niveau
<b>Conformité :</b>	<b>EC directive Basse tension 2006 /95 /EG</b> <b>EC directive protection environnementale RoHS 2002 /95 /EG</b> • DIN EN 60730-1 (VDE 0631-1):2005-12+Ber.1:2007-11 +A2:2008-04+A15:2007-08+A16:2008-02 • DIN EN 60730-2-16 (VDE 0631-2-16):2002-08+A11:2005-11 • DIN IEC 60730-1 (VDE 0631-1):2008-10+A3:2005-01

