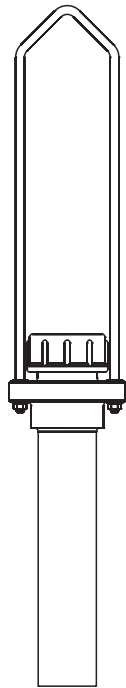


INSTALLATION INSTRUCTIONS

ba77089e01 02/2015



UA EX

SHAFT EXTENSION



a xylem brand

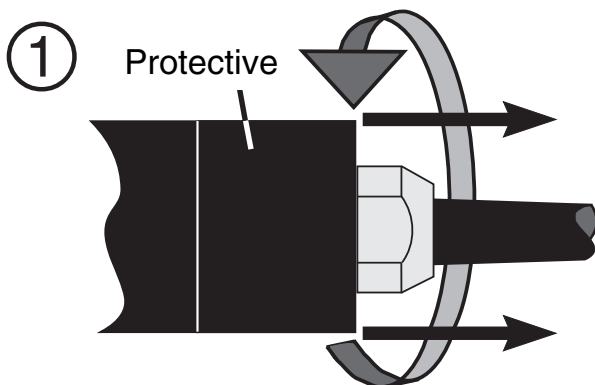
DE Deutsch	Beachten Sie beim Betrieb in explosionsgefährdeten Bereichen die Sicherheitsanforderungen gemäß Dokument ba75808y.
EN English	For operation in a potentially explosive atmosphere, heed the safety requirements according to document ba75808y.
BG български	При работа във взривоопасна среда спазвайте изискванията за безопасност съгласно Документ ba75808y.
CS Český	Při provozu v oblastech ohrožených výbuchem prosím dodržujte bezpečnostní požadavky dle dokumentu ba75808y.
DA Dansk	Overhold sikkerhedskravene i henhold til dokument ba75808y ved drift i eksplosionsfarlige områder.
EL Ελληνικά	Κατά τη λειτουργία σε εκρήξιμες ατμόσφαιρες λάβετε υπόψη τις απαιτήσεις ασφάλειας σύμφωνα με το έγγραφο ba75808y.
ES Español	Al trabajar en zonas expuestas a explosiones observe las prescripciones de seguridad conforme al documento ba75808y.
ET Eesti keel	Plahvatusohtlikus keskkonnas käitumisel arvestage dokumendis ba75808y sätestatud ohutusnõuetega.
FI Suomi	Jos käytät laitetta räjähdysalttiilla alueilla, noudata asiakirjan 77057y mukaisia turvallisuusvaatimuksia.
FR Français	En cas d'utilisation dans les zones à risques d'explosion, respecter les exigences de sécurité selon le document ba75808y.
HR Hrvatski	Pri radu u područjima u kojima postoji opasnost od eksplozije pridržavajte se sigurnosnih zahtjeva u skladu s dokumentom ba75808y.
HU Magyar	Robbanásveszélyes területen történő üzemeltetés esetén vegye figyelembe a ba75808y jelű dokumentumban előírt biztonsági követelményeket.
IT Italiano	In caso di utilizzo in atmosfere potenzialmente esplosive osservare le disposizioni di sicurezza riportate nel documento ba75808y.
LT Lietuviškai	Dirbdami zonose su sprogia aplinka laikykitės ba75808y dokumento saugumo technikos nurodymų.
LV Latviešu	Ekspluatācijas laikā, sprādzienbīstamajās zonās ievērojiet drošības prasības saskaņā ar dokumentu ba75808y.
NL Nederlands	Neem bij het gebruik in explosie-gevaarlijke omgevingen de veiligheidsvoorschriften volgens document ba75808y in acht.
NO Norsk	Ved bruk i eksplosjonsfarlige omgivelser skal du følge sikkerhetskravene i henhold til dokument ba75808y.
PL Polski	Przy eksploatacji w obszarach zagrożonych wybuchem należy przestrzegać wymogów bezpieczeństwa zgodnie z dokumentem ba75808y.
PT Português	Durante a operação nas áreas com risco de explosão, observar os requisitos de segurança de acordo com o documento ba75808y.
RO Română	În cazul utilizării în zone cu potențial exploziv, vă rugăm să respectați cerințele de siguranță conform documentului ba75808y.
RU Русский	При работе во взрывоопасных зонах соблюдайте инструкции по технике безопасности, приведенные в документе ba75808y.
SK Slovensky	Pri prevádzke v priestoroch s nebezpečenstvom výbuchu dodržiavajte bezpečnostné požiadavky uvedené v dokumente ba75808y.
SL Slovenščina	Ob obratovanju v eksplozijsko ogroženih območjih morate upoštevati varnostne zahteve v skladu z dokumentom ba75808y.
SV Svenska	Vid drift i områden med explosionsrisk ska säkerhetskraven enligt dokument ba75808y beaktas.
TR Türkçe	Lütfen patlama tehlikesi bulunan alanlarda kullanırken ba75808y numaralı belge doğrultusundaki güvenlik talimatlarını dikkate alınız.

Classification for explosion protection

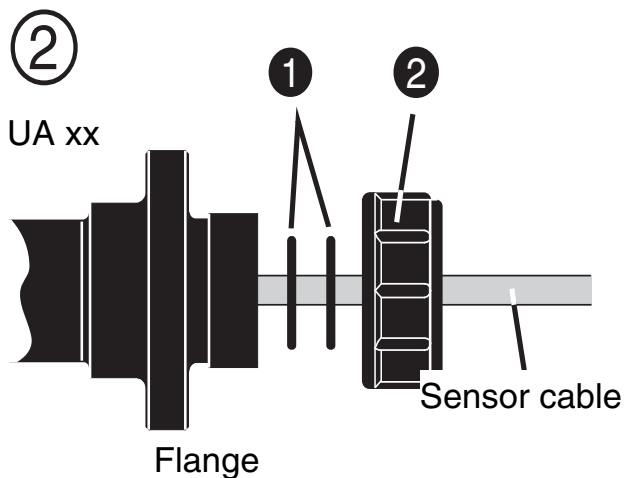
The WTW ATEX commissioner has subjected this accessory product to a risk assessment according to DIN EN 1127-1, DIN EN 13463-1 and DIN EN 15198 and assessed them as follows:

Instrument group	II
Category	2G (use in zone 1 or 2)
Gas group	IIB
Temperature class	T6
EPL	The assessment corresponds to EPL Gb

Installing the sensor



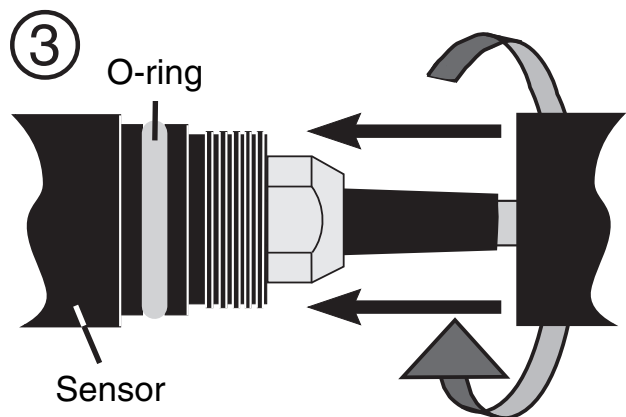
Unscrew the protection ring from the sensor and take it off the sensor cable.



Push the sensor cable through the sensor extension from the opposite side so that the cable end protrudes from the flange a little bit.

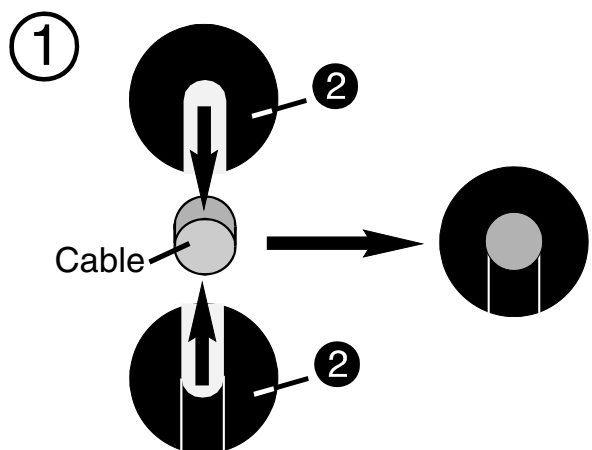
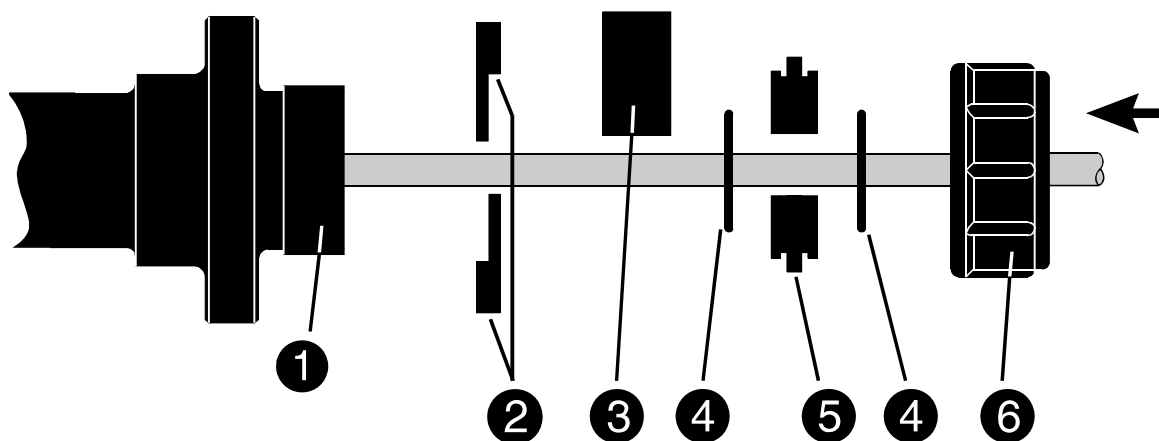
Thread both O-rings (pos. 1) and the coupling ring (pos. 2) on the cable end.

Then pull the sensor cable through to the end. While doing so, hold the coupling ring and O-rings near the flange of the sensor extension.

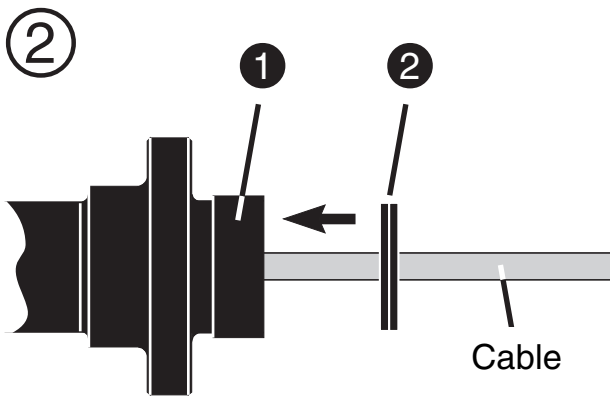


Lubricate the O-ring near the sensor with the grease provided. Then screw the sensor extension on the sensor.

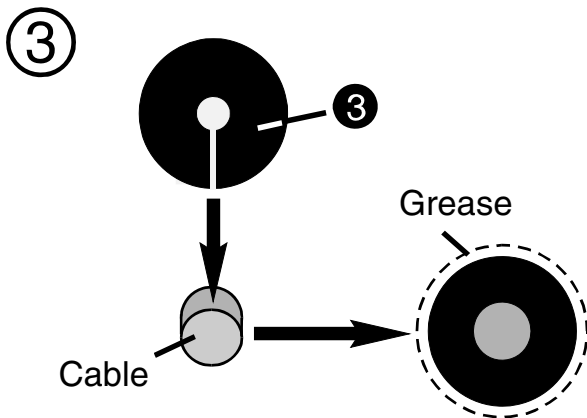
Mounting the electrode handle



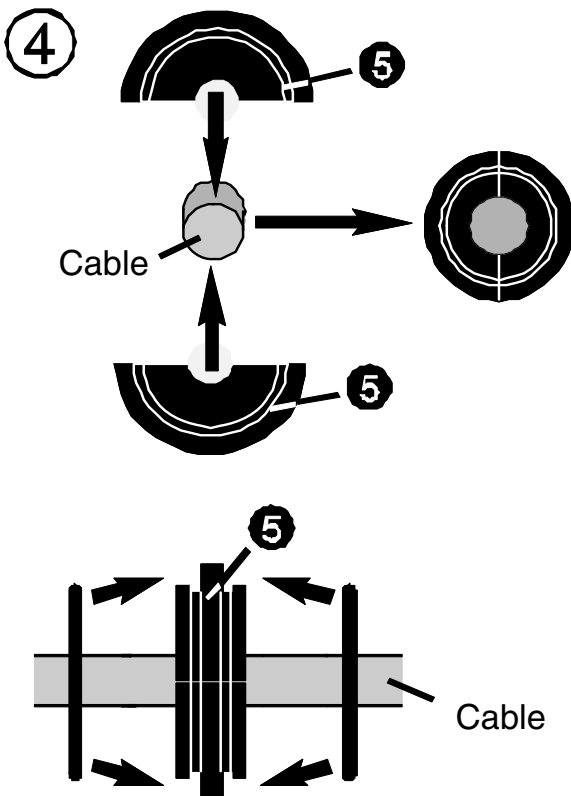
Assemble both halves of the split disk (pos. 2) around the sensor cable.



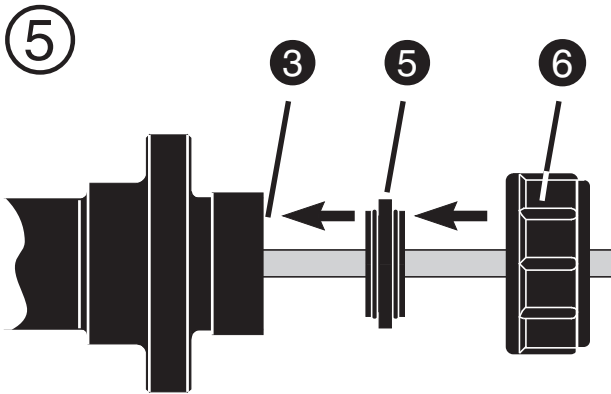
Insert the assembled disk (pos. 2) in the flange (pos. 1).



Put the sealing plug (pos. 3) on the sensor cable and grease it on the outside. Then press the sealing plug all the way into the flange.

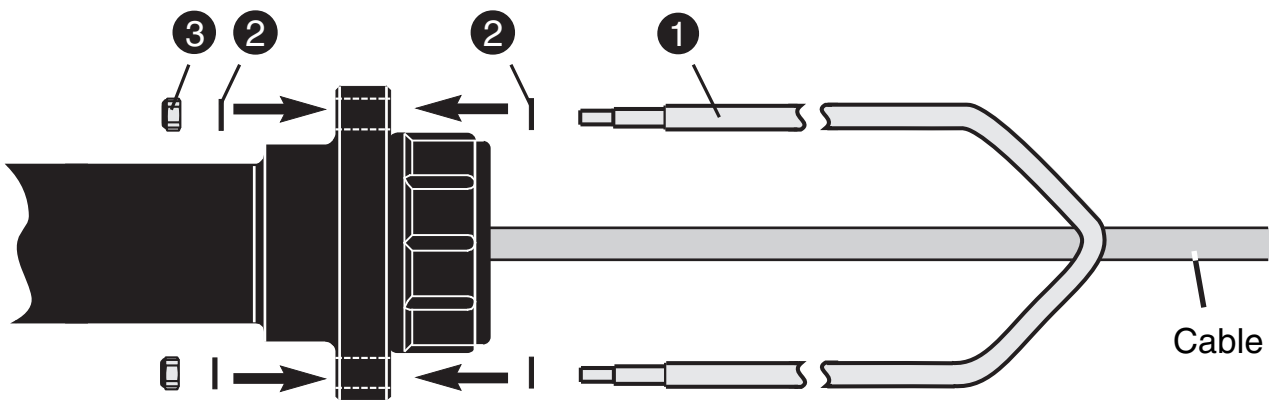


Assemble both halves of the split pressure ring (pos. 5) between the two O-rings around the sensor cable and fix them with the O-rings.



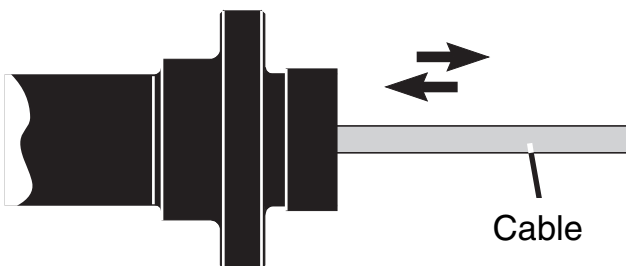
Push the assembled pressure ring (pos. 5) towards the sealing plug (pos. 3) in the flange.

Press the sensor cable somewhat (approx. 1 cm) into the flange and screw on the coupling ring (pos. 6) hand-tight.



Put the handle (pos. 1) through the flange borings with the washers (pos. 2) and screw it tight with the washers and nuts (pos. 3).

Dismantling the sealing plug for sensor replacement



Pull the sensor cable somewhat out of the flange and press it in again. Repeat this until the sealing plug (black rubber) can be grasped.

Use a pointy object to help the sealing plug move out as necessary.

Technical data

Allowed temperature range -20 ... 60 °C (-4 ... 140 °F)

Allowed pH range 4 ... 12

Materials	
Shaft	PVC
Coupling ring	PE
Sealing set parts:	
– Split disk	PPO
– Split pressure ring	PF 51
– Sealing plug	NBR
– O-rings	FPM
Electrode handle	Stainless steel 1.4571 (V4A)
Nuts. Washers	Stainless steel 1.4301 (V2A)

Pressure resistance 0.5 bar (5 x 10⁴ Pa)

The sensor extension meets the requirements according to article 3(3) of the directive, 97/23/EC ("pressure equipment directive").

**Length
(without electrode
handle)** 175 mm

Replacement parts

Description	Model	Order no.
Sealing set for sensor extension, including: – Split disk – Sealing plug – Split pressure ring – O-rings (2 pieces) – O-ring grease	UA-DS	109 265

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- 2) a leading global water technology company.

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