



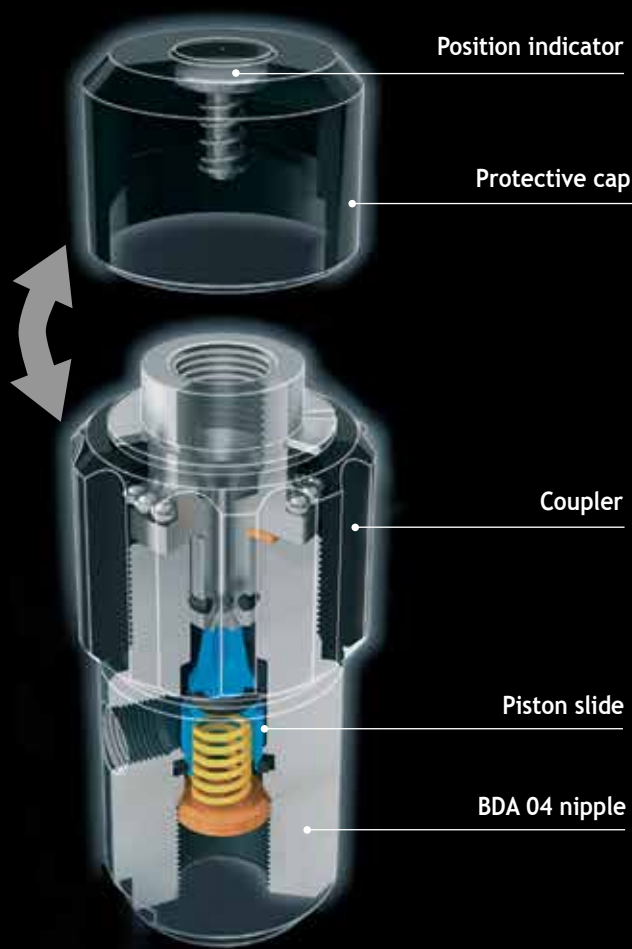
## BDA 04

The new standard  
for connecting  
test devices

# BDA 04

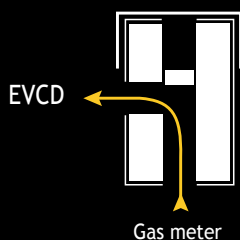
## The new standard for connecting test devices

Choose the safe option when connecting and disconnecting test devices to electronic gas volume conversion devices (EVCD). Choose the BDA 04: the world's safest and simplest connector.



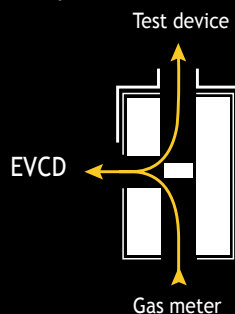
- 💧 Avoiding errors when disconnecting test devices
- 💧 Connection and disconnection without gas escaping
- 💧 Mid-position for pressure measurement during operation
- 💧 Universally applicable
- 💧 Maintenance free
- 💧 Pressure class PN 100
- 💧 DVGW registered
- 💧 A standard device in the Dutch natural gas sector

Operating position



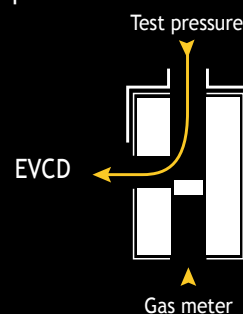
*Electronic volume conversion device connected to the gas meter and in full operation.*

Open mid-position



*Protective cap removed and coupler with red spacer ring screwed on. Pressure measurement possible during operation*

Test position



*Coupler screwed on completely. Electronic volume conversion device is now out of operation and can be calibrated. When the test device is disconnected, the spring ensures that the device returns to the operational position.*

## To err is human

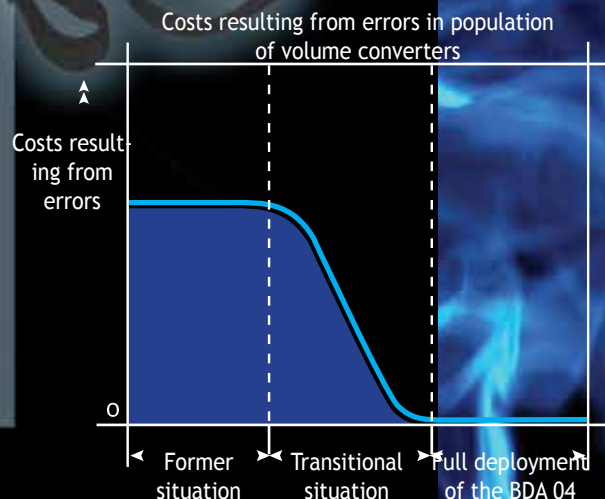


Avoid measurement errors and revenue losses with the BDA 04! When you disconnect the test device, the BDA 04 automatically returns to its operating position, in contrast to the conventional three-way ball valve.

As the saying goes, to err is human, which means a ball valve could inadvertently be left in the test position.

The consequences? Unpleasant differences of opinion with customers or lower revenues. The BDA 04 commits such unpleasant situations to the past once and for all.

All gas utilities in the Netherlands have deployed the BDA 04 for a very good reason. It has even proved to be economically advantageous to replace three-way ball valves by the BDA 04 in existing equipment.



*Exceedingly positive customers feed-back:*

### Higher level of reliability thanks to the BDA 04

Several years ago, the BDA 04 was introduced to the Dutch natural gas sector on a grand scale for use with volume control equipment. The product is the ideal successor to the three-way ball valve. The BDA 04 actually excludes human error. While engineers in the gas sector are well-educated, it is nevertheless comforting to know that errors cannot occur when the BDA 04 is installed.

Moreover, unauthorised personnel cannot disrupt pressure measurements. The BDA 04 has other attractive properties. Together, this has been sufficient reason to make the product a standard in the gas sector in the Netherlands. Thousands of BDA 04's have since been deployed in the Netherlands, and the feed-back from customers is exceedingly positive.



## A certain future

Choosing the BDA 04 is a choice for the world's simplest connector for use in connecting and disconnecting your test devices. Simple and safe thanks to its ingenious concept. Reduced maintenance schedules resulting in economic gains for customers. Choosing the BDA 04 is a choice for a certain future.



**BDA 04**  
Nipple fitted with sealable protective cap and position indicator



**Red spacer ring**  
The red spacer ring makes it easy to find the open mid-position



**Service cover**  
Installing the sealable service cover closes the measurement circuit to the gas meter. A practical solution in the event that the electronic volume control device is to be replaced. No gas will be allowed to escape. And only authorised personnel may connect and disconnect electronic volume conversion devices.



**Hose connector**  
The coupler is connected to the test device

## Technical data

### Nipple:

Pressure class	PN 100
Temperature range	-30 °C to +60 °C
Nominal diameter	DN 4
Input/output port	G 1/4 / G 1/8
Body material	wrought aluminium alloy
Surface treatment body	hard-anodised; PTFE-coated
Protective cap material	POM
Seals	NBR (DIN-DVGW reg. DIN EN 549)
Slide	austenitic stainless steel
DVGW registration	DG-4513BM0087

### Coupler:

Pressure class	PN 100
Temperature range	-20 °C to +60 °C
Nominal diameter	DN 4
Port	Rp 1/4
Material	austenitic stainless steel
Union nut	POM
Seals	NBR (DIN-DVGW-reg. DIN EN 549)

**Wigersma  
& Sikkema**

Wigersma & Sikkema B.V.  
Leigraafseweg 4  
NL - 6983 BP Doesburg  
The Netherlands

T +31 (0)313 471 998  
F +31 (0)313 473 290  
E [info@wigersma-sikkema.com](mailto:info@wigersma-sikkema.com)  
I [www.wigersma-sikkema.com](http://www.wigersma-sikkema.com)