



The new BCP makes fail-safe boiler control look even better



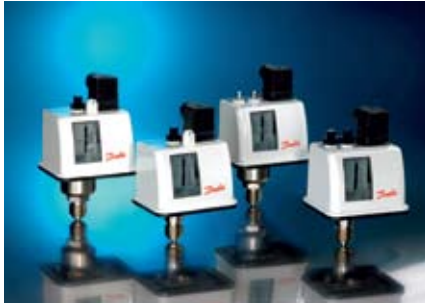
-marked according to
PED97/23/EC, cat. IV



The new BCP pressure switch packs 70 years of extensive know-how into a sleek, highly modern design. The advanced technology built into this durable boiler control sets new standards for reliability – and ensures a long life with a minimum of maintenance.

Danfoss BCP features:

- Pressure ranges from 0 to 40 bar
- Media temperature up to 120° C
- Plug and Play (DIN 43650)
- Manual reset with a standard screwdriver
- Fail-safe
- CE-marked according to PED97/23/EC, cat. IV (module B + D)
- TÜV tested according to EN 12952-11 and EN 12953-9



Hardworking reliability

Smooth and safe boiler operations require professional monitoring and control equipment. The new robust BCP pressure switch from Danfoss provides just that. User-friendly, the BCP is based on extensive customer feedback and 70 years of experience manufacturing highly reliable controls.

The BCP is designed especially for steam boiler installations. It is available with automatic reset for boiler operations and with manual reset to be used as safety limit switch. User-friendly features like the external reset – operated by a standard screwdriver – and the DIN 43650 plug make for easy installation and operation. Last but not least, fail-safe construction based on extensive testing means long life and low maintenance.

Pressure controls

Type	Setting range [bar]	Adjustable diff. [bar]	Max. operating pressure [bar]	Max. test pressure [bar]	Code number*
<i>Automatic reset, G1/2A pressure connection</i>					
BCP1	0.1 - 1.1	0.15 - 0.6	6	7	017B0002
BCP2	0 - 2.5	0.4 - 1.0	10	11	017B0006
BCP3	0 - 6	0.7 - 1.4	16	18	017B0010
BCP4	1 - 10	1.0 - 2.5	25	28	017B0014
BCP5	2 - 16	2.0 - 3.2	32	35	017B0018
BCP6	5 - 25	2.5 - 4.0	40	45	017B0022
BCP7	10 - 40	3.0 - 6.0	63	70	017B0026

Pressure limiters

Type	Setting range [bar]	Fixed diff. avg. [bar]	Max. operating pressure [bar]	Max. test pressure [bar]	Code number*
<i>For rising pressure, manual reset, G1/2A pressure connection</i>					
BCP1H	0.1 - 1.1	0.1	6	7	017B0030
BCP2H	0 - 2.5	0.2	10	11	017B0034
BCP3H	0 - 6	0.4	16	18	017B0038
BCP4H	1 - 10	0.45	25	28	017B0042
BCP5H	2 - 16	1.2	32	35	017B0046
BCP6H	5 - 25	1.5	40	45	017B0050
BCP7H	10 - 40	2.3	63	70	017B0054
<i>For falling pressure, manual reset, G1/2A pressure connection</i>					
BCP2L	0 - 2.5	0.2	10	11	017B0058
BCP3L	0 - 6	0.4	16	18	017B0062
BCP4L	1 - 10	0.45	25	28	017B0066
BCP5L	2 - 16	1.2	32	35	017B0070
BCP6L	5 - 25	1.2	40	45	017B0074

*) Contacts silver/gold: Max load 6(2) A, 250 V~; For higher loads please see BCP data sheet.

