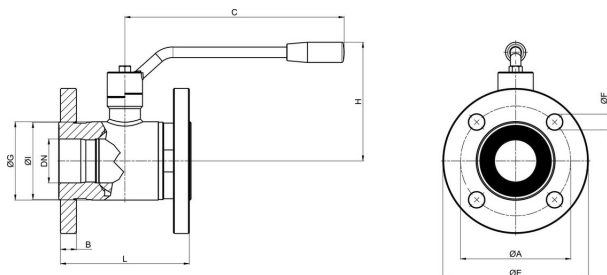


Flanschkugelhähne aus Edelstahl Serie BA550-LLD-EB0X



Bauart	Durchgangskugelhahn mit schwimmender Kugel voller Durchgang
Betätigung	durch 90° Drehung des Handhebel
Anschluss	drehbare Flansche nach EN1092-1
Werkstoffe	Gehäuse Edelstahl 1.4404 poliert, Kugel Edelstahl 1.4404, Handhebel Edelstahl 1.4307 plastifiziert, Kugeldichtung MPTFE, Spindeldichtung PTFE, O-Ring EPDM-Peroxid
Einsatzbereich	Flüssigkeiten und Gase der Gruppe 1 und 2 entsprechend PED 2014/68/EU, die die verwendeten Werkstoffe nicht angreifen.
Mediumtemperatur	-45...+150°C
Befestigungsart	Einbau in starres Leitungssystem
Einbaulage	beliebig
Sonderausführung	Handhebel mit Absperrvorrichtung
Zulassungen	Werkszeugnis 3.1 ATEX II 2G Ex h IIC T4 Gb / II 2D Ex h IIIC T135°C Db

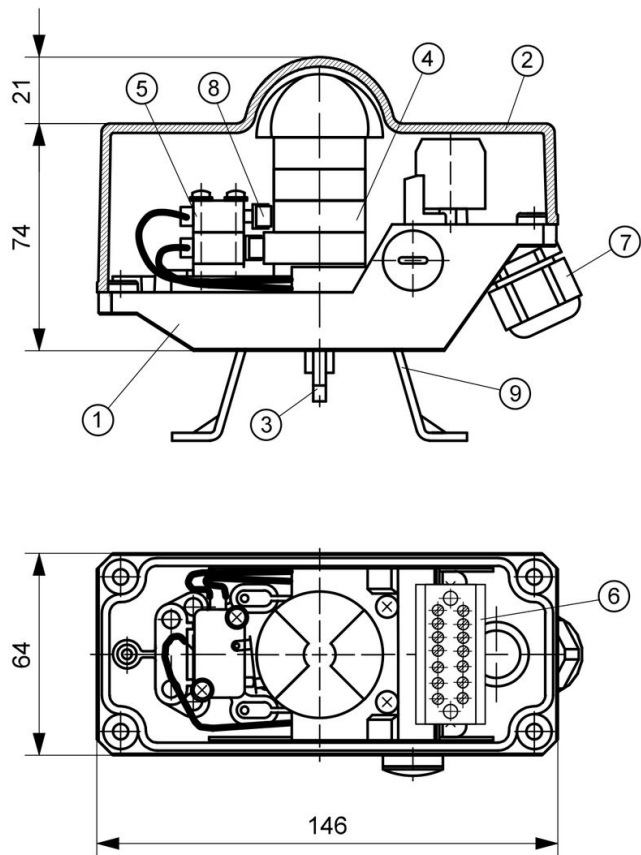
Abmessungen



Nennweite DN[mm]	Flansch nach EN1092-1	max. Betriebsdruck [bar]	A	B	C	ØE	F	ØG	H	ØI	L	Kv-Wert [m ³ /h]	Gewicht [ca. kg]	Typ
40	PN40	40	110	16	240	148	4 x Ø18	73	130	75	140	170	6,45	BA550-40-LLD-A3C-EB0X98
2931.V10-QM01 2931.V11-QM01 2931.V12-QM01 2931.V13-QM01														
40	PN40	40	110	16	240	148	4 x Ø18	73	130	75	140	170	6,45	BA550-40-LLD-A3C-EB0X99
2995.V15-QM01														
50	PN40	40	125	18	240	165	4 x Ø18	89	135	89	150	280	8,9	BA550-50-LLD-A3C-EB0X98
2995.V15-QM														



TCR-Module with two inductive proximity switches IFM type IS5001,
in TCR-Housing 146 x 64 x 74 mm, with high vision beacon



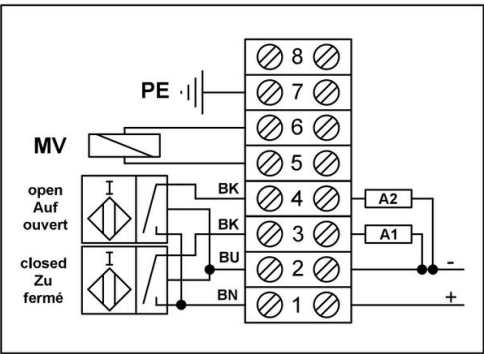
TECHNICAL DATA

- Manufacturer: IFM
Type: IS5001
IS-3002-BPKG
inductive, PNP
normally open contact
- Operating distance: 2 mm
Nominal voltage: 10 ...30 V DC
Operating current: 0 ... 200 mA
Switch. frequency: 0 ... 800 Hz
Signal: LED, yellow
Temperature: -25 ... +80°C
Housing base: Vestamid, black
Housing cover: Macrolon, clear
with vision beacon
- Sealing: EPDM
Ingress protection: IP67 (Sensor)
IP65 (Housing)
- Switch. precision: < 1.5°
System connect.: Cable gland M20x1,5
Clamp. range 8...13 mm

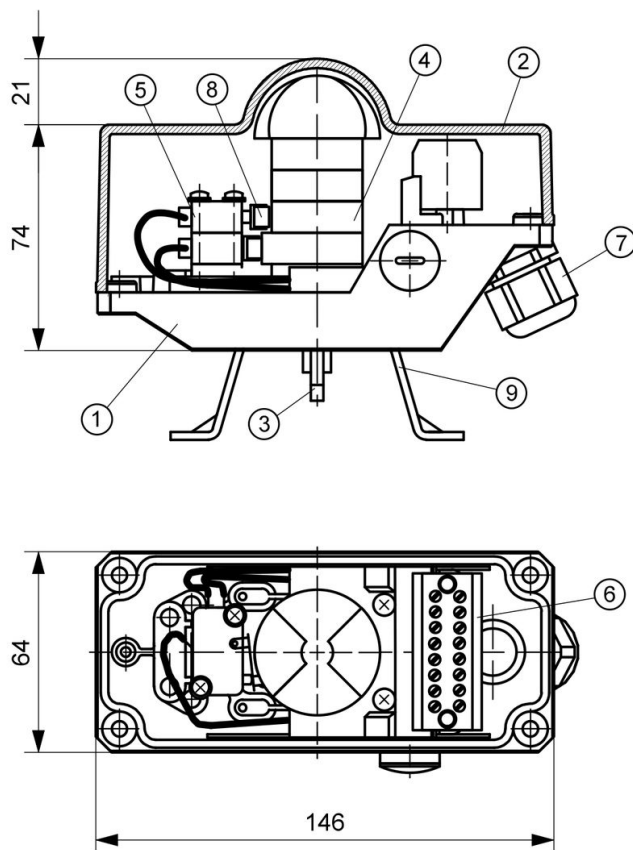
OBJECT LIST

Pos.	Pcs.	Description	Material
1	1	Housing base	Vestamid
2	1	Housing cover	Macrolon
3	1	TCR-Axis	POM
4	1	Switch cam system	POM
5	2	IFM IS5001	-
6	1	Terminal block, 7-pole	-
7	1	Cable gland M20x1,5	PA
8	2	Roller lever	-
9	1	Bracket size 1 - 4	A2

WIRING DIAGRAM



TCR-Module with two inductive proximity switches IFM type IS5003,
in TCR-Housing 146 x 64 x 74 mm, with high vision beacon



TECHNICAL DATA

Manufacturer: IFM
Type: NS5003
IS-2002-N/1D/1G/2G
inductive, NAMUR
normally closed contact

Operating distance: 2 mm
Nominal voltage: 8,2 V DC
current consumption: > 2,1 mA, active
< 1 mA, inactive

Switch. frequency: 0 ... 800 Hz
Temperature: -20 ... +70°C *
Housing base: Vestamid, black
Housing cover: Vestamid, black
with vision beacon
(yellow/red)

Sealing: EPDM
Ingress protection: IP67 (Sensor)
IP65 (Housing)

Switch. precision: < 1.5°
System connect.: Cable gland M20x1,5
Clamp. range 8...13 mm

II 2G Ex ia IIC T6 Gb

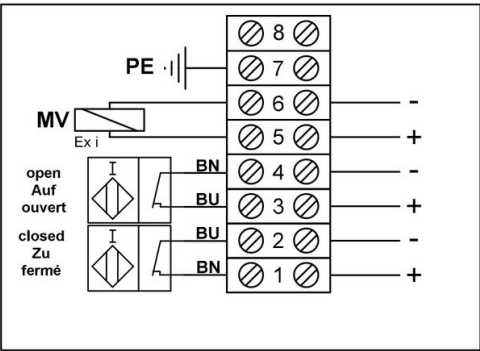
EC type-examination certificate No.
PTB 02 ATEX 2217

* The assignment between the max. permissible ambient temperature, the temperature class and the electrical supply data of the intrinsically safe circuit, must be taken from the EC-type examination certificate of the sensor.

OBJECT LIST

Pos.	Pcs.	Description	Material
1	1	Housing base	Vestamid
2	1	Housing cover	Vestamid
3	1	TCR-Axis	POM
4	1	Switch cam system	POM
5	2	IFM IS5003	-
6	1	Terminal block, 8-pole	-
7	1	Cable gland M20x1,5	PA
8	2	Roller lever	-
9	1	Bracket size 1 - 4	A2

WIRING DIAGRAM



Abbildungen unverbindlich Konstruktions-, Maß- und Werkstoffänderungen vorbehalten

Armaturen / Kugelhähne - manuell / Sonstiges Sortiment - A02 / Flansch-Kugelhahn Serie BA550-L / [BA550-40-LLD-A3C-EB0X98] BA550-40-LLD-A3C-EB0X98