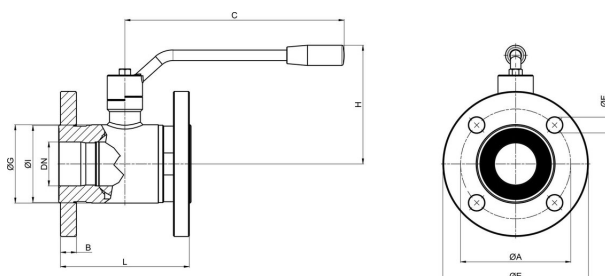


Valvole a sfera flangiate in acciaio inox Serie BA550-LLD-EB0X



Tipo di costruzione	Valvola a sfera a passaggio totale con sfera flottante passaggio totale
Azionamento	tramite rotazione di 90° della leva manuale
Connessione	flange orientabili secondo EN1092-1
Materiali	Corpo alloggiamento Acciaio inox 1.4404 lucidato, Sfera Acciaio inox 1.4404, Leva manuale acciaio inox 1.4307 plastificato, Tenuta a sfera MPTFE, Tenuta del mandrino PTFE, O-ring EPDM-Perossido
Campo di impiego	Fluidi e gas dei gruppi 1 e 2 secondo PED 2014/68/EU, che non aggrediscono i materiali utilizzati.
Temperatura del fluido	-45...+150°C
Tipo di fissaggio	Installazione in sistema di tubazioni rigido
Posizione di montaggio	a piacere
Versione speciale	Leva manuale con dispositivo di intercettazione
Omologazioni	Certificato di collaudo 3.1 ATEX II 2G Ex h IIC T4 Gb / II 2D Ex h IIC T135°C Db

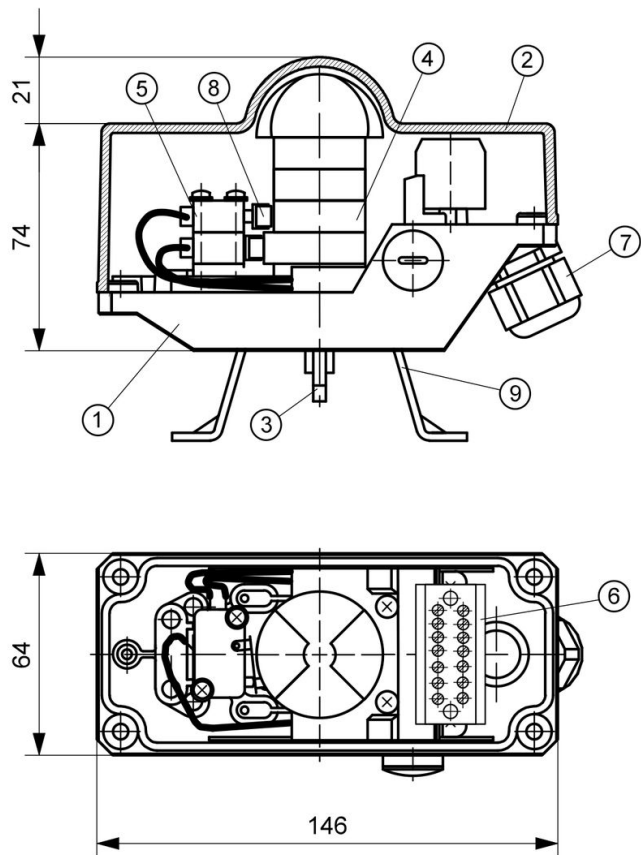
Dimensioni



Diametro nominale DN[mm]	Flangia secondo EN1092-1	max. Pressione di esercizio [bar]	A	B	C	ØE	F	ØG	H	ØI	L	Valore Kv [m ³ /h]	Peso [circa kg]	Tipo
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	
40	PN40	40	110	16	240	148	4 x Ø18	73	130	75	140	170	6,45	
50	PN40	40	125	18	240	165	4 x Ø18	89	135	89	150	280	8,9	BA550-50-LLD-A3C-EB0X98 2995.V15-QM01



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

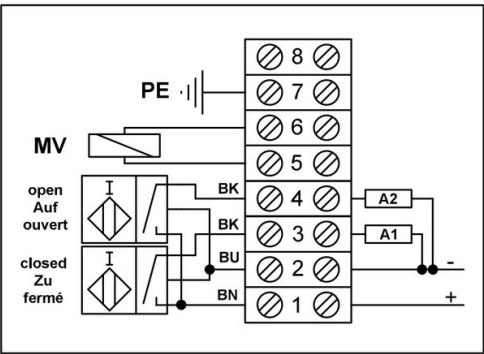
Sealing: EPDM
Ingress protection: IP67 (Sensor)
IP65 (Housing)

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

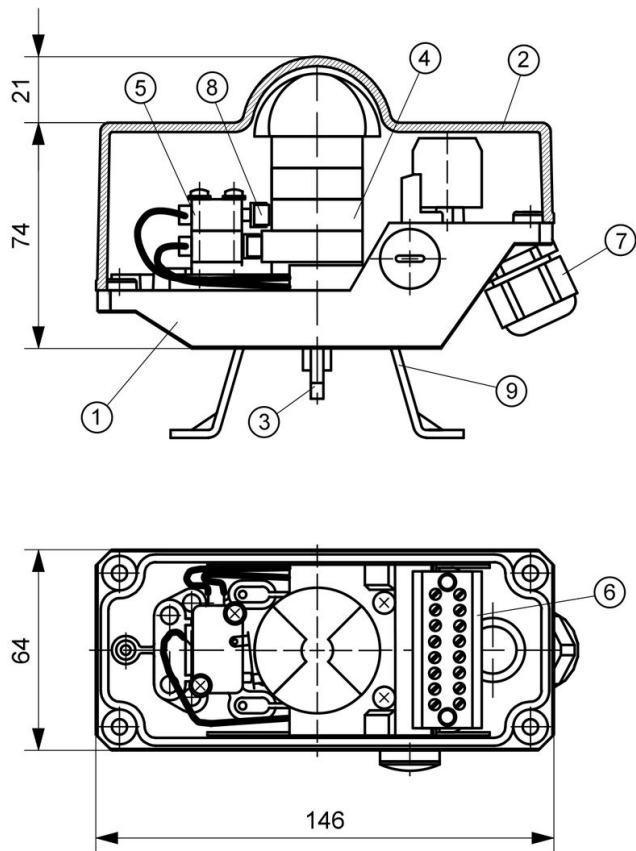
OBJECT LIST

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

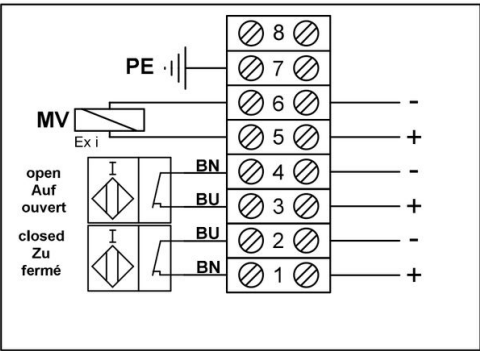
EC type-examination certificate No.
PTB 02 ATEX 2217

* 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



Immagini non vincolanti Con riserva di modifiche costruttive, dimensionali e dei materiali.