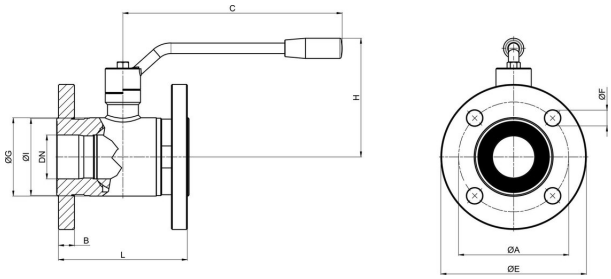
Robinets à boisseau sphérique à bride en acier inoxydable
Série BA550-LLD-EB0X

Type de construction	Vanne à boisseau sphérique à passage intégral avec bille flottante passage intégrale
Actionnement	par rotation de 90° du levier manuel
Raccordement	brides orientables selon EN1092-1
Matériaux	Boîtier Acier inoxydable 1.4404 poli, Bille Acier inoxydable 1.4404, Levier manuel acier inoxydable 1.4307 plastifié, Joint à bille MPTFE, Joint d'étanchéité de tige filetée PTFE, Joint torique EPDM-Peroxyde
Domaine d'application	Fluides et gaz des groupes 1 et 2 conformément à la PED 2014/68/EU, n'attaquant pas les matériaux utilisés.
Température du fluide	-45...+150°C
Type de fixation	Montage dans un système de tuyauterie rigide
Position de montage	au choix
Version spéciale	Levier manuel avec dispositif d'arrêt
Homologations	Certificat d'usine 3.1 ATEX II 2G Ex h IIC T4 Gb / II 2D Ex h IIIC T135°C Db

Dimensions



Diamètre nominal DN[mm]	Bride selon EN1092-1	max. Pression de service [bar]	A	B	C	ØE	F	ØG	H	ØI	L	Valeur Kv [m 3 /h]	Poids [env. kg]	Type
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														

+43 512 52076
austria@stasto.eu
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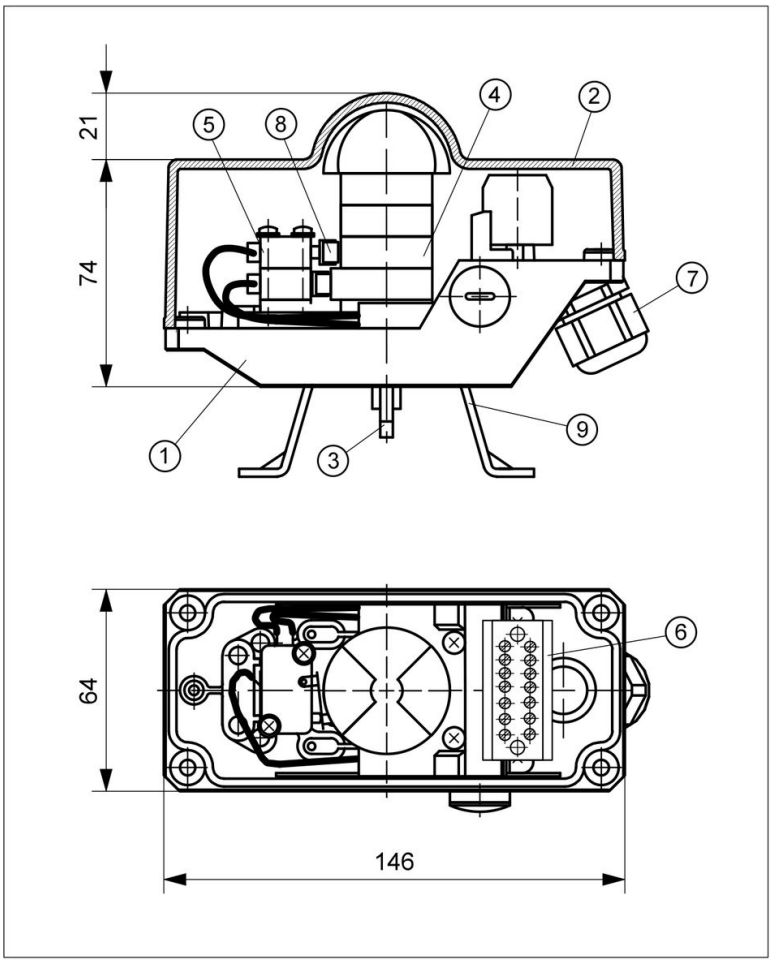
EBOX98

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



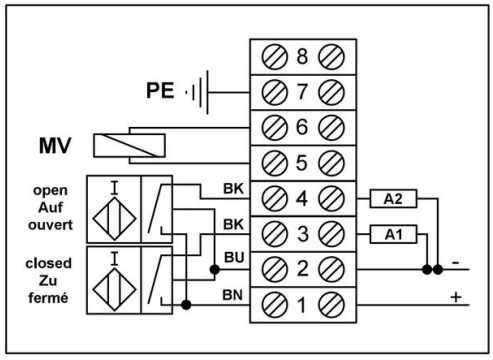
TECHNICAL DATA

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



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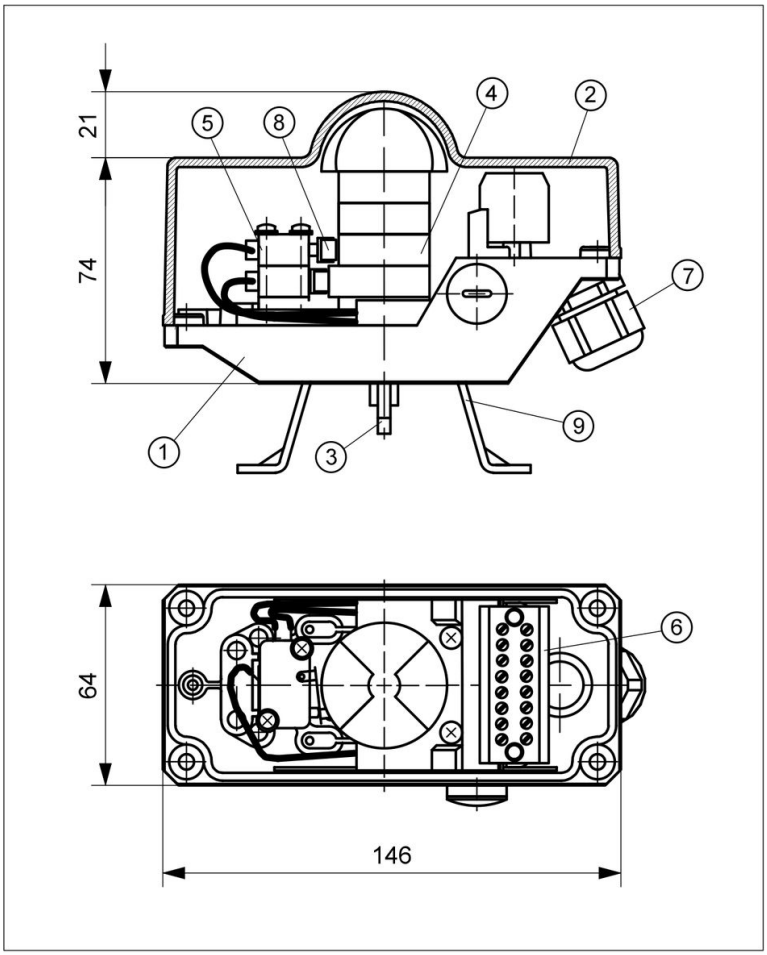
EBOX99

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

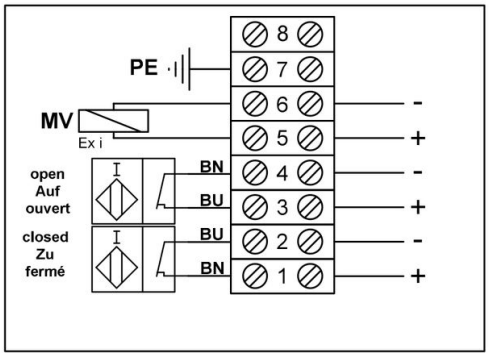
EC type-examination certificate No.
PTB 02 ATEX 2217

* 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



Illustrations non contractuelles Sous réserve de modifications de conception, de dimensions et de matériaux

+43 512 52076
austria@stasto.eu
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