

Standard float switches

Ordering example:
See Page 118

Position	1	2	3	4
Version	Magnetic float switch	Output type reed contact	Float switch – float combination	
Type	M	A		–

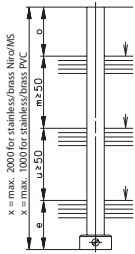
Min./max. dimensions



Float switch – float combination



Switching distance for falling levels

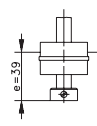


Float material

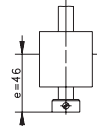
Connection head material

Float switch material

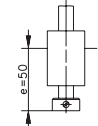
POM
ø 40 x 27



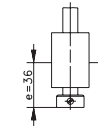
PVC
ø 42 x 44



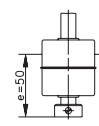
PP
ø 30 x 44



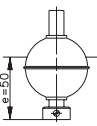
NBR
ø 30 x 44



1.4571
ø 45 x 47



1.4571
ø 52



Half cable gland R3/8"



1.4571	1.4571	A	V	T	R	N	E
MS 59	MS63	M	L	C	S	P	F
PVC	PVC	K	D	I	U	—	—

Cable gland PG9



1.4571	1.4571	A	V	T	R	N	E
MS 58	MS63	M	L	C	S	P	F
PVC	PVC	K	D	I	U	—	—

ø 75 flange with connector



PC	1.4571	A	V	T	R	N	E
PC	MS63	M	L	C	S	P	F
PC	PVC	K	D	I	U	—	—

5	6	7	8	9	10	11	12	13
General design	Number of switching points	Switching function		Switching power	Connection head	Standard range		Special features (see Page 119)
7						S		

Number of switching points Switching function Switching power Connection head
 ↓ ↓ ↓ ↓

1.4571 $\varnothing 62$ 	1.4571 $\varnothing 84$ 	1 Switching point 2 Switching points 3 Switching points	1 NC contact 2 NO contact 3 Changeover contact 4 Mixed version (CO, NC, NO)	max. 0.5 A – 30 VA – 250 V max. 1 A – 60 VA – 250 V min. switching power = 3 VA	ID letter for connection head Straight type Type in illustration in 1.4571 material. Slight dimensional variations may occur in PVC and brass versions.	ID letter for connection head Elbow version Type in illustration in 1.4571 material. Slight dimensional variations may occur in PVC versions.
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B	G	1/2/3	1/2/3/4	K	L	A		C
O	H	1/2/3	1/2/3/4	K	L	A		
—	—	1/2/3	1/2/3/4	K	L	A		

B	G	1/2/3	1/2/3/4	K	L	V		H
O	H	1/2/3	1/2/3/4	K	L	V		
—	—	1/2/3	1/2/3/4	K	L	V		

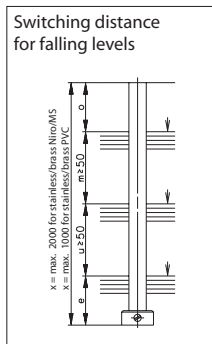
B	G	1/2/—	1/2/3/4	K	L	T		W
O	H	1/2/—	1/2/3/4	K	L	T		
—	—	1/2/—	1/2/3/4	K	L	T		

Standard float switches

Ordering example:
See Page 118

Position	1	2	3	4
Version	Magnetic float switch	Output type reed contact	Float switch – float combination	
Type	M	A		–

Min. / max. dimensions



Float switch – float combination



Float material	POM ø 40 x 27	PVC ø 42 x 44	PP ø 30 x 44	NBR ø 30 x 44	1.4571 ø 45 x 47	1.4571 ø 52
Connection head material						
Float switch material						



PC	1.4571	A	V	T	R	N	E
PC	MS63	M	L	C	S	P	F
PC	PVC	K	D	I	U	—	—



G-Al Si 12	1.4571	A	V	T	R	N	E
G-Al Si 12	MS63	M	L	C	S	P	F
G-Al Si 12	PVC	K	D	I	U	—	—

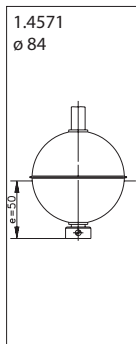
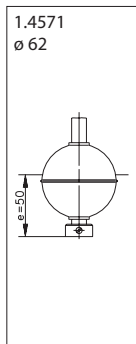
5	6	7	8	9	10	11	12	13
General design	Number of switching points	Switching function		Switching power	Connection head	Standard range		Special features (see Page 119)
7						S		

Number of switching points

Switching function

Switching power

Connection head



1 Switching point
2 Switching points
3 Switching points

1 NC contact
2 NO contact
3 Changeover contact
4 Mixed version (CO, NC, NO)

max. 0.5 A – 30 VA – 250 V
max. 1 A – 60 VA – 250 V
min. switching power = 3 VA

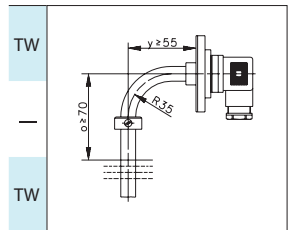
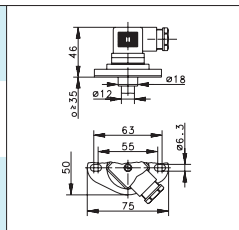
Straight type
Type in illustration
in 1.4571 material.
Slight dimensional
variations may occur
in PVC and brass
versions.

ID letter for connection head

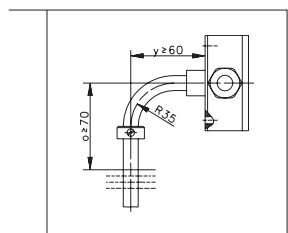
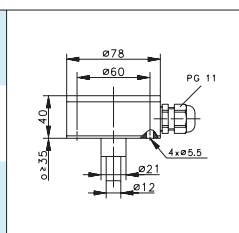
Elbow version
Type in illustration
in 1.4571 material.
Slight dimensional
variations may occur
in PVC versions.

ID letter for connection head

B	G	1/2	1/2/3/4	K	L	TO
O	H	1/2	1/2/3/4	K	L	TO
—	—	1/2	1/2/3/4	K	L	TO



B	G	1/2/3	1/2/3/4	K	L	S
O	H	1/2/3	1/2/3/4	K	L	S
—	—	1/2/3	1/2/3/4	K	L	S



Standard float switches

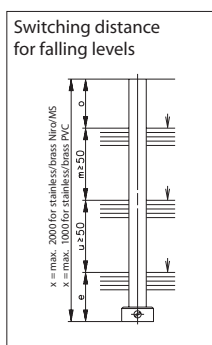
Ordering example:
See Page 118

Position	1	2	3	4
Version	Magnetic float switch	Output type reed contact	Float switch – float combination	
Type	M	A		–

Min. / max. dimensions



Float switch – float combination



Float material	POM ø 40 x 27	PVC ø 42 x 44	PP ø 30 x 44	NBR ø 30 x 44	1.4571 ø 45 x 47	1.4571 ø 52
Connection head material						
Float switch material						



1.4571/ G-Al Si 12	1.4571	A	V	T	R	N	E
PVC/ G-Al Si 12	PVC	K	D	I	U	—	—

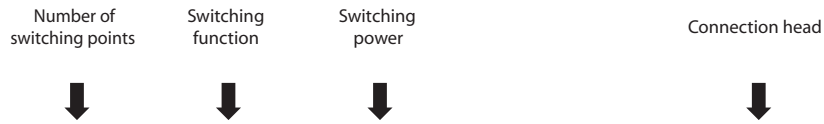


1.4571/ G-Al Si 12	1.4571	A	V	T	R	N	E
PVC/ G-Al Si 12	PVC	K	D	I	U	—	—



G-Al Si 12	1.4571	A	V	T	R	N	E
PVC/ Polyester	PVC	K	D	I	U	—	—

5	6	7	8	9	10	11	12	13
General design	Number of switching points	Switching function		Switching power	Connection head	Standard range		Special features (see Page 119)
7						S		



1.4571 ø 62 	1.4571 ø 84 	1 Switching point 2 Switching points 3 Switching points	1 NC contact 2 NO contact 3 Changeover contact 4 Mixed version (CO, NC, NO)	max. 0.5 A – 30 VA – 250 V max. 1 A – 60 VA – 250 V min. switching power = 3 VA	ID letter for connection head Straight type Type in illustration in 1.4571 material. Slight dimensional variations may occur in PVC and brass versions.	ID letter for connection head Elbow version Type in illustration in 1.4571 material. Slight dimensional variations may occur in PVC versions.
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B	G	1/2/3	1/2/3/4	K	L	DN 50		WDN 50
—	—	1/2/3	1/2/3/4	K	L	DN 50		

B	G	1/2/3	1/2/3/4	K	L	DN 65		WDN 65
—	—	1/2/3	1/2/3/4	K	L	DN 65		

B	G	1/2/3	1/2/3/4	K	L	R 1,5		
—	—	1/2/3	1/2/3/4	K	L	R 1,5		

Standard float switches

Ordering example: \textcircled{K}
MAK-721 KR25

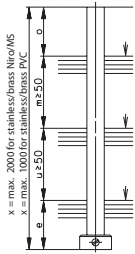
Position	1	2	3	4
Version	Magnetic float switch	Output type reed contact	Float switch – float combination	
Type	M	A	\textcircled{K}	–

Min. / max. dimensions

Float switch – float combination



Switching distance for falling levels



Float material	POM $\varnothing 40 \times 27$	PVC $\varnothing 42 \times 44$	PP $\varnothing 30 \times 44$	NBR $\varnothing 30 \times 44$	1.4571 $\varnothing 45 \times 47$	1.4571 $\varnothing 52$
Connection head material						
Float switch material						

Tank cable gland R2 "

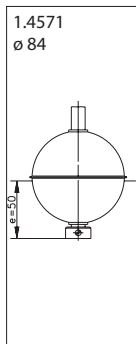
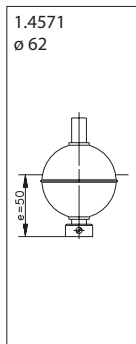


1.4571/ G-Al Si 12	1.4571	A	V	T	R	N	E
PVC/ Polyester	PVC	\textcircled{K}	D	I	U	–	–

With specification $o = \text{---}$; $u = \text{---}$ (see Order form on Page 134)

5	6	7	8	9	10	11	12	13
General design	Number of switching points	Switching function		Switching power	Connection head	Standard range		Special features (see below)
7	②	①		Ⓚ	Ⓜ	S		

Number of switching points
↓
Switching function
↓
Switching power
↓
Connection head
↓



1 Switching point
2 Switching points
3 Switching points

1 NC contact
2 NO contact
3 Changeover contact
4 Mixed version (CO, NC, NO)

max. 0.5 A – 30 VA – 250 V
max. 1 A – 60 VA – 250 V
min. switching power = 3 VA

ID letter for connection head

Straight type
Type in illustration
in 1.4571 material.
Slight dimensional
variations may occur
in PVC and brass
versions.

Special features

- ⌘ Temperature monitoring PT100 (P1)/ PT1000 (P10)
- ⌘ Bi-metal switch

We can produce tailor-made designs for specific applications to suit individual customer requirements.

B	G	1 / ② / 3	① / 2 / 3 / 4	Ⓚ	L	Ⓜ	
—	—	1/2/3	1/2/3/4	K	L	R2	