

Емкостные датчики KAS-70-M30, KAS-80-M30

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

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Смоленск (4812)29-41-54
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Тула (4872)33-79-87
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Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
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Россия +7(495)268-04-70

Казахстан +(727)345-47-04

Беларусь +(375)257-127-884

Узбекистан +998(71)205-18-59

Киргизия +996(312)96-26-47

эл.почта: ret@nt-rt.ru || сайт: <https://rechner.nt-rt.ru>



Capacitive Sensors Series 80 - PNP



Housing M 30 x 1.5

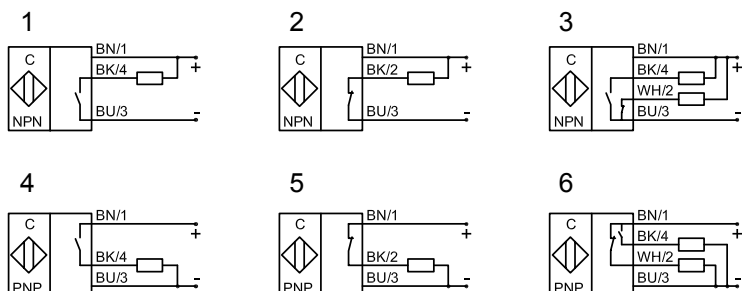
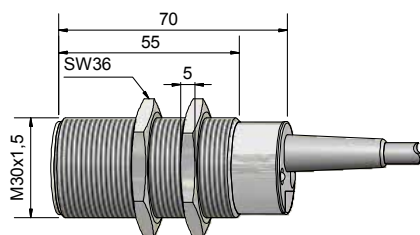
- Housing material: Brass
- Sensing distance 0,5...25 mm adjustable

Certificate:



Technical data	Flush mountable	Flush mountable
Operating distance S_n	10 mm	10 mm
Operating distance min. / max. adjustable	0.5...25 mm	0.5...25 mm
Electrical version	3-wire DC	4-wire DC
Output function	Normally open	Antivalent
Type NPN		
Art.-No.		
Connection diagram No.		
Type PNP	KAS-80-A14-S-M30-PTFE/MS-Z02-1-HP	KAS-80-A14-A-M30-PTFE/MS-Z02-1-HP
Art.-No.	806 000	805 200
Connection diagram No.	4	6
Operating voltage (U_B)	10...35 V DC	10...35 V DC
Output current max. (I_o)	250 mA	2 x 250 mA
Voltage drop max. (U_d)	≤ 2.0 V	≤ 2.0 V
Permitted residual ripple max.	10 %	10 %
No-load current (I_o)	Typ. 15 mA	Typ. 15 mA
Frequency of operating cycles max.	200 Hz	200 Hz
Permitted ambient temperature	-25...+70 °C	-25...+70 °C
LED-display	Green / yellow	Green / yellow
Protective circuit	Built-in	Built-in
Degree of protection IEC 529	IP 67*	IP 67*
Norm	EN 60947-5-2	EN 60947-5-2
Connection cable	2 m, PVC, 3 x 0.75 mm ²	2 m, PVC, 4 x 0.5 mm ²
Housing material	Brass	Brass
Active surface	PTFE (FDA 21 CFR 177.1550)	PTFE (FDA 21 CFR 177.1550)
Lid	PA / PPO	PA / PPO
Media optimized	Yes	Yes
Accessories (is delivered with the sensor)		
	2 nuts M 30	2 nuts M 30

* With sealed potentiometer screw





Capacitive Sensors Series 80 - PNP



Housing M 30 x 1.5

- Housing material: Brass
- Sensing distance 0,5...25 mm adjustable
- With flange connector M 12 x 1

Certificate:



Technical data

Flush mountable

Operating distance S_n	10 mm
Operating distance min. / max. adjustable	0.5...25 mm
Electrical version	4-pin DC
Output function	Antivalent

Type NPN

Art.-No.

Connection diagram No.

Type PNP **KAS-80-A14-A-M30-PTFE/MS-Y5-1-HP**

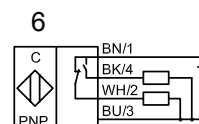
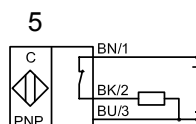
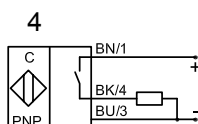
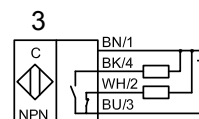
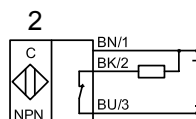
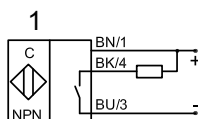
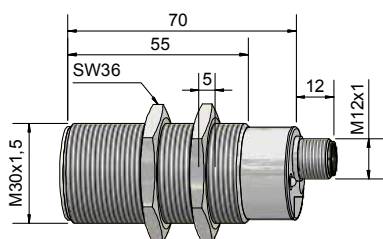
Art.-No.	805 400
Connection diagram No.	6
Operating voltage (U_B)	10...35 V DC
Output current max. (I_o)	2 x 250 mA
Voltage drop max. (U_d)	≤ 2.0 V
Permitted residual ripple max.	10 %
No-load current (I_o)	Typ. 15 mA
Frequency of operating cycles max.	200 Hz
Permitted ambient temperature	-25...+70 °C
LED-display	Green / yellow
Protective circuit	Built-in
Degree of protection IEC 529	IP 67*
Norm	EN 60947-5-2
Connection	Flange connector M 12 x 1
Housing material	Brass
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PA / PPO
Media optimized	Yes

Accessories (is delivered with the sensor)

2 nuts M 30

For matching connectors please see our selection of accessories.

* With sealed potentiometer screw





Capacitive Sensors

Series 70 - NPN

Series 80 - PNP



Housing M 30 x 1.5

- Housing material: PA / PPO
- Sensing distance 0.5...25 mm adjustable

Certificate:



Technical data

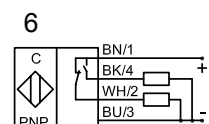
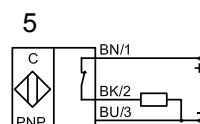
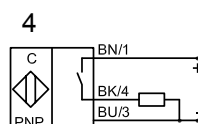
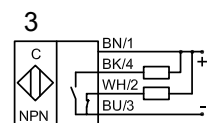
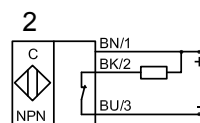
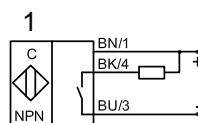
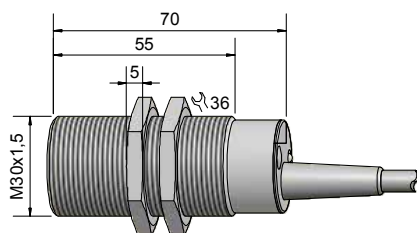
Flush mountable

Operating distance S_n	10 mm
Operating distance min. / max. adjustable	0.5...25 mm
Electrical version	4-wire DC
Output function	Antivalent
Type NPN	KAS-70-A14-A-M30-PPO-Z02-1-HP
Art.-No.	705 600
Connection diagram No.	3
Type PNP	KAS-80-A14-A-M30-PPO-Z02-1-HP
Art.-No.	805 600
Connection diagram No.	6
Operating voltage (U_B)	10...35 V DC
Output current max. (I_o)	2 x 250 mA
Voltage drop max. (U_d)	≤ 2.0 V
Permitted residual ripple max.	10 %
No-load current (I_o)	Typ. 15 mA
Frequency of operating cycles max.	200 Hz
Permitted ambient temperature	-25...+70 °C
LED-display	Green / yellow
Protective circuit	Built-in
Degree of protection IEC 529	IP 67*
Norm	EN 60947-5-2
Connection cable	2 m, PVC, 4 x 0.5 mm ²
Housing material	PA / PPO
Active surface	PA / PPO
Lid	PA / PPO
Media optimized	Yes

Accessories (is delivered with the sensor)

2 nuts M 30

* With sealed potentiometer screw





Capacitive Sensors Series 80 - PNP

Housing M 30 x 1.5

- Housing material: Brass
- Sensing distance 1...30 mm adjustable



Certificate:



Technical data

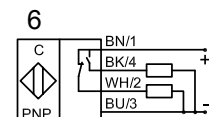
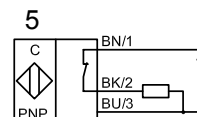
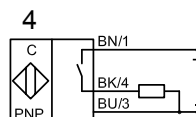
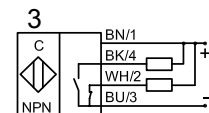
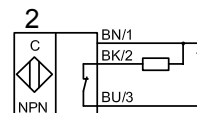
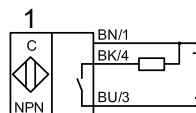
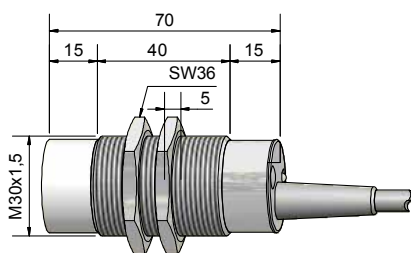
Non-flush mountable

Operating distance S_n	15 mm
Operating distance min. / max. adjustable	1...30 mm
Electrical version	4-wire DC
Output function	Antivalent
Type NPN	
Art.-No.	
Connection diagram No.	
Type PNP	
KAS-80-A24-A-M30-PTFE/MS-Z02-1-HP	
Art.-No.	
808 000	
Connection diagram No.	6
Operating voltage (U_B)	10...35 V DC
Output current max. (I_o)	2 x 250 mA
Voltage drop max. (U_d)	≤ 2.0 V
Permitted residual ripple max.	10 %
No-load current (I_o)	Typ. 15 mA
Frequency of operating cycles max.	50 Hz
Permitted ambient temperature	-25...+70 °C
LED-display	Green / yellow
Protective circuit	Built-in
Degree of protection IEC 529	IP 67*
Norm	EN 60947-5-2
Connection cable	2 m, PVC, 4 x 0.5 mm ²
Housing material	Brass
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PA / PPO
Media optimized	Yes

Accessories (is delivered with the sensor)

2 nuts M 30

* With sealed potentiometer screw





Capacitive Sensors

Series 70 - NPN

Series 80 - PNP



Housing M 30 x 1.5

- Housing material: Brass
- Sensing distance 1...30 mm adjustable
- With flange connector M 12 x 1

Certificate:



Quattro^{ETC}Protect™

Technical data

Non-flush mountable

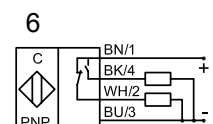
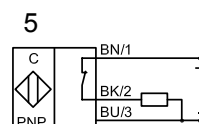
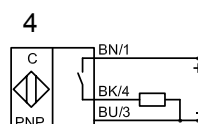
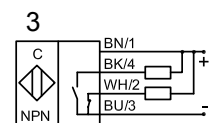
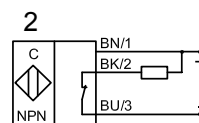
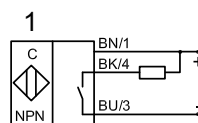
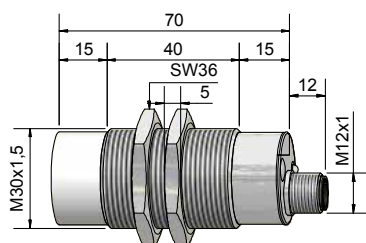
Operating distance S_n	15 mm
Operating distance min. / max. adjustable	1...30 mm
Electrical version	4- pin DC
Output function	Antivalent
Type NPN	KAS-70-A24-A-M30-PPO/MS-Y5-1-HP
Art.-No.	708 200
Connection diagram No.	3
Type PNP	KAS-80-A24-A-M30-PTFE/MS-Y5-1-HP
Art.-No.	808 200
Connection diagram No.	6
Operating voltage (U_b)	10...35 V DC
Output current max. (I_o)	2 x 250 mA
Voltage drop max. (U_d)	≤ 2.0 V
Permitted residual ripple max.	10 %
No-load current (I_o)	Typ. 15 mA
Frequency of operating cycles max.	50 Hz
Permitted ambient temperature	-25...+70 °C
LED-display	Green / yellow
Protective circuit	Built-in
Degree of protection IEC 529	IP 67*
Norm	EN 60947-5-2
Connection	Flange connector M 12 x 1
Housing material	Brass
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PA / PPO
Media optimized	Yes

Accessories (is delivered with the sensor)

2 nuts M 30

For matching connectors please see our selection of accessories.

* With sealed potentiometer screw





Capacitive Sensors Series 80 - PNP

Housing M 30 x 1.5

- Housing material: PA / PPO
- Sensing distance 1...30 mm adjustable



Certificate:

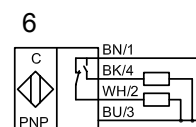
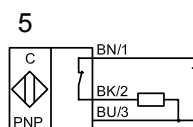
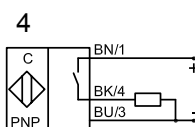
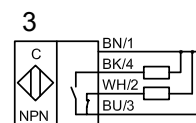
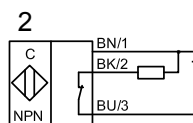
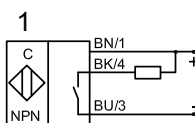
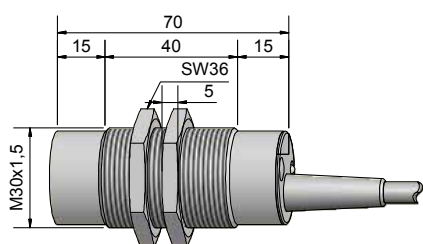


Technical data

Non-flush mountable

Operating distance S_n	15 mm
Operating distance min. / max. adjustable	1...30 mm
Electrical version	4-wire DC
Output function	Antivalent
Type NPN	
Art.-No.	
Connection diagram No.	
Type PNP	
KAS-80-A24-A-M30-PPO-Z02-1-HP	
Art.-No.	
808 400	
Connection diagram No.	
6	
Operating voltage (U_B)	10...35 V DC
Output current max. (I_o)	2 x 250 mA
Voltage drop max. (U_d)	≤ 2.0 V
Permitted residual ripple max.	10 %
No-load current (I_o)	Typ. 15 mA
Frequency of operating cycles max.	50 Hz
Permitted ambient temperature	-25...+70 °C
LED-display	Green / yellow
Protective circuit	Built-in
Degree of protection IEC 529	IP 67*
Norm	EN 60947-5-2
Connection cable	2 m, PVC, 4 x 0.5 mm ²
Housing material	PA / PPO
Active surface	PA / PPO
Lid	PA / PPO
Media optimized	Yes
Accessories (is delivered with the sensor)	
2 nuts M 30	

* With sealed potentiometer screw





Capacitive Sensors Series 80 - PNP



Housing M 30 x 1.5

- Housing material: PA / PPO
- Sensing distance 1...30 mm adjustable
- With flange connector M 12 x 1

Certificate:



Technical data

Non-flush mountable

Operating distance S_n	15 mm
Operating distance min. / max. adjustable	1...30 mm
Electrical version	4-pin DC
Output function	Antivalent

Type NPN

Art.-No.

Connection diagram No.

Type PNP

KAS-80-A24-A-M30-PPO-Y5-1-HP

Art.-No.

808 600

Connection diagram No.

6

Operating voltage (U_b)

10...35 V DC

Output current max. (I_o)

2 x 250 mA

Voltage drop max. (U_d)

≤ 2.0 V

Permitted residual ripple max.

10 %

No-load current (I_o)

Typ. 15 mA

Frequency of operating cycles max.

50 Hz

Permitted ambient temperature

-25...+70 °C

LED-display

Green / yellow

Protective circuit

Built-in

Degree of protection IEC 529

IP 67*

Norm

EN 60947-5-2

Connection

Flange connector M 12 x 1

Housing material

PA / PPO

Active surface

PA / PPO

Lid

PA / PPO

Media optimized

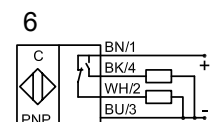
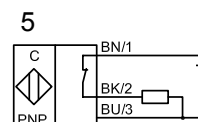
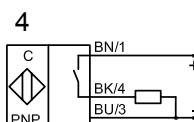
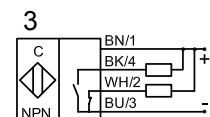
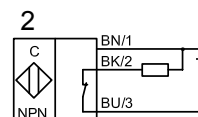
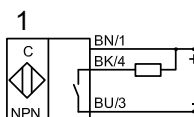
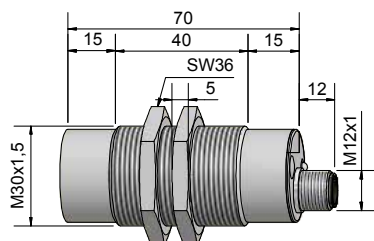
Yes

Accessories (is delivered with the sensor)

2 nuts M 30

For matching connectors please see our selection of accessories.

* With sealed potentiometer screw



По вопросам продаж и поддержки обращайтесь:

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Россия +7(495)268-04-70

Казахстан +(727)345-47-04

Беларусь +(375)257-127-884

Узбекистан +998(71)205-18-59

Киргизия +996(312)96-26-47

эл.почта: ret@nt-rt.ru || сайт: <https://rechner.nt-rt.ru>