

# Actuator-Sensor-Interface SIGNUM Pushbuttons and Indicator Lights



## AS-Interface enclosures

### Selection and ordering data

Order form supplement

To Siemens AG, A&D CD GKA LZA

Amberg, Germany Fax: (+49 96 21) 80-31 02

Date

Order number of customer/Order number I

Order number of supplier

#### 1. Enclosure size

- ☐ 2 command points (3SF5 802-4AZ) points A and B ☐ 3 command points (3SF5 803-4AZ) (points A, B and C) ☐ 4 command points (3SF5 804-4AZ) (points A, B, C and D) ☐ 6 command points (3SF5 806-4AZ) (points A, B, C, D, E and F)

#### 2. EMERGENCY-STOP actuator

(only possible at point "A")

- ☐ no EMERGENCY-STOP ☐ with EMERGENCY-STOP, not interrogated (only possible for 3, 4 and 6 points) ☐ with EMERGENCY-STOP, interrogated (only possible for 3, 4 and 6 points) ☐ with safe AS-Interface adapter

#### 3. Yellow area for EMERGENCY-STOP

(only complete if available)

- ☐ with yellow strip ☐ with yellow strip, without inscription at point "A" ☐ with yellow strip, with inscription (specify inscription at item 4)

#### 4. Inscription and arrangement of components

Inscription of the indicator labels  
(max. 11 letters, 1 to 3 lines)

Actuators  
(short code)

Standard: 1 NO contact (1 NO),  
if nothing is crossed

Inscription of the indicator labels (max. 11 letters, 1 to 3 lines)	Actuators (short code)	Standard: 1 NO contact (1 NO), if nothing is crossed						
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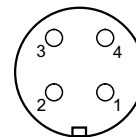
Positions A to F are code letters on the inside of the top and bottom sections

#### 5. Mounting angle

- ☐ Vertical mounting (labels to the left) ☐ Horizontal mounting (labels above)

#### 6. Connection top or right

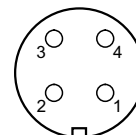
- ☐ No screwed gland (drilled hole is not broken through)  
☐ Terminal for AS-Interface cable (AS-Interface cable is routed externally alongside)  
☐ Pg screwed gland for AS-Interface cable (AS-Interface cable is laid in)  
☐ Metric screwed gland for AS-Interface cable (AS-Interface cable is laid in)  
☐ Pg screwed gland for round cable (round cable is laid in)  
☐ Metric screwed gland for round cable (round cable is laid in)  
☐ M 12 socket for unassigned input or output  
☐ AS-i F adapter (only for enclosures with EMERGENCY-STOP)



Pin 1: \_\_\_\_\_  
 Pin 2: \_\_\_\_\_  
 Pin 3: \_\_\_\_\_  
 Pin 4: \_\_\_\_\_

#### 7. Connection underneath or left

- ☐ No screwed gland (drilled hole is not broken through)  
☐ Terminal for AS-Interface cable (AS-Interface cable is routed externally alongside)  
☐ Pg screwed gland for AS-Interface cable (AS-Interface cable is laid in)  
☐ Metric screwed gland for AS-Interface cable (AS-Interface cable is laid in)  
☐ Pg screwed gland for round cable (round cable is laid in)  
☐ Metric screwed gland for round cable (round cable is laid in)  
☐ M 12 socket for unassigned input or output



Pin 1: \_\_\_\_\_  
 Pin 2: \_\_\_\_\_  
 Pin 3: \_\_\_\_\_  
 Pin 4: \_\_\_\_\_

#### 8. Lamps

- ☐ glow lamp 24 V ☐ glow lamp 30 V ☐ super-bright LED (colour of LED is in accordance with colour of actuator/detector)



# Actuator-Sensor-Interface SIGNUM Pushbuttons and Indicator Lights

AS-Interface enclosures

## Selection and ordering data

### Components for command points (order form supplement, Section IV/1)

Short code according to colours

Add.  
price  
PG 132

black red yellow green blue white clear

### Actuators and detectors <sup>1)</sup>

Blanking plug for 22.5 mm <sup>2)</sup>	BV	BK	–	–	–	–	–	–	–	–	–	–	–	–
Pushbutton unit with flush button	D	BK	D	RD	D	YE	D	GN	D	BU	D	WH	D	CL
Illuminated pushbutton unit with flush button	–	–	DL	RD	DL	YE	DL	GN	DL	BU	DL	WH	DL	CL
Pushbutton unit with raised button <sup>2)</sup>	DH	BK	DH	RD	DH	YE	–	–	DH	BU	–	–	–	–
Pushbutton unit with raised button <sup>2)</sup>	–	–	DHL	RD	DHL	YE	DHL	GN	DHL	BU	–	–	DHL	CL
Pushbutton unit with raised front ring	DHF	BK	DHF	RD	DHF	YE	DHF	GN	DHF	BU	DHF	WH	–	–
Pushbutton unit with raised front ring, with castellation	DFZ	BK	DFZ	RD	DFZ	YE	DFZ	GN	DFZ	BU	DFZ	WH	–	–
Pushbutton unit with flush button	DS	BK	DS	RD	DS	YE	DS	GN	DS	BU	DS	WH	–	–
Illuminated switch with flush button	–	–	DLS	RD	DL	YE	DLS	GN	DLS	BU	DLS	WH	DLS	CL
Mushroom button, Ø 30 mm <sup>2)</sup>	P30	BK	P30	RD	P30	YE	P30	GN	–	–	–	–	–	–
Illuminated mushroom button, Ø 30 mm <sup>2)</sup>	–	–	–	–	PL30	YE	PL30	GN	–	–	PL30	WH	–	–
Mushroom button, Ø 40 mm <sup>2)</sup>	P	BK	P	RD	P	YE	P	GN	–	–	–	–	–	–
Illuminated mushroom button, Ø 40 mm <sup>2)</sup>	–	–	PL	RD	PL	YE	PL	GN	–	–	–	–	–	–
Pushbutton unit with raised button, <sup>2)</sup> latching: latches when depressed by turning clockwise, unlatches when turned counterclockwise	DHR	BK	DHR	RD	–	–	–	–	–	–	–	–	–	–
EMERGENCY-STOP mushroom button acc. to EN 418, Ø 40 mm, with forced latching unlatched by turning counterclockwise	–	–	PRÜ 40	RD	–	–	–	–	–	–	–	–	–	–
EMERGENCY-STOP mushroom button acc. to EN 418, Ø 40 mm, with forced latching with RONIS lock, No. SB30	–	–	PRS 30	RD	–	–	–	–	–	–	–	–	–	–
EMERGENCY-STOP mushroom button acc. to EN 418, Ø 40 mm, with forced latching with CES lock, No. SSG10	–	–	PRS 10	RD	–	–	–	–	–	–	–	–	–	–
EMERGENCY-STOP mushroom button acc. to EN 418, Ø 40 mm, with forced latching with BKS lock, No. S1	–	–	PRS S1	RD	–	–	–	–	–	–	–	–	–	–
EMERGENCY-STOP mushroom button acc. to EN 418, Ø 40 mm, with forced latching with O.M.R. lock, No. 73037	–	–	PRS 73	RD	–	–	–	–	–	–	–	–	–	–
Audible indicator <sup>2)</sup> , IP 40	AMK	BK	–	–	–	–	–	–	–	–	–	–	–	–
Indicator light	–	–	L	RD	L	YE	L	GN	L	BU	L	WH	L	CL
Push-pull button with snap action, Ø 30 mm <sup>2)</sup>	DZ 30	BK	DZ30	RD	–	–	–	–	–	–	–	–	–	–
Push-pull button with, for illumination snap action, Ø 30 mm <sup>2)</sup>	–	–	DZB30	RD	DZB30	YE	DZB30	GN	DZB30	BU	–	–	DZB30	CL
Push-pull button with snap action, Ø 40 mm <sup>2)</sup>	DZ	BK	DZ	RD	–	–	–	–	–	–	–	–	–	–
Push-pull button with, for illumination snap action, Ø 40 mm <sup>2)</sup>	–	–	DZB	RD	DZB	YE	DZB	GN	DZB	BU	–	–	DZB	CL

For special designs, see last page.

1) For further details about the individual actuators, see Section Pushbuttons and indicator lights/SIGNUM 3SB3/Pushbuttons and switches.

2) Not for use with front panel module.

# Actuator-Sensor-Interface SIGNUM Pushbuttons and Indicator Lights



## AS-Interface enclosures

### Selection and ordering data

#### Components for command points (order form supplement, Section IV/1)

Short code according to colours

Add.  
price  
PG 132

black red yellow green blue white clear

#### Knob <sup>1)</sup>

##### Switching sequence O-I latching

Knob	K1	BK	K1	RD	–	K1	GN	–	K1	WH	–	
Illuminated knob	–		BK1	RD	BK1	YE	BK1	GN	BK1	BU	–	BK1 CL

##### Switching sequence O-I momentary contact (with resetting from the right)

Knob	K2	BK	K2	RD	–	K2	GN	–	K2	WH	–	
Illuminated knob	–		BK2	RD	BK2	YE	BK2	GN	BK2	BU	–	BK2 CL

##### Switching sequence I-O-II latching

Knob	K4	BK	K4	RD	–	K4	GN	–	K4	WH	–	
Illuminated knob	–		BK4	RD	BK4	YE	BK4	GN	BK4	BU	–	BK4 CL

##### Switching sequence I-O-II momentary contact (with resetting from the right and left)

Knob	K5	BK	K5	RD	–	K5	GN	–	K5	WH	–	
Illuminated knob	–		BK5	RD	BK5	YE	BK5	GN	BK5	BU	–	BK5 CL

##### Switching sequence I-O-II right latching, left momentary contact (with resetting from the left)

Knob	K6	BK	K6	RD	–	K6	GN	–	K6	WH	–	
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##### Switching sequence I-O-II left latching, right momentary contact (with resetting from the right)

Knob	K7	BK	K7	RD	–	K7	GN	–	K7	WH	–	
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#### Short code

Key can be removed in position

Add.  
price  
PG 132

O I II O and I O and II I and II I, O and II

#### Locks <sup>1)</sup>

##### Switching sequence O-I latching

RONIS type, flat, lock No. SB30	RSB	1A	RSB	1E	–	RSB	1AE	–	–	–	
CES type Lock No. SSG 10	CES	1A	CES	1E	–	CES	1AE	–	–	–	
Lock No. LSG 1	CESL	1A	–	–	–	CESL	1AE	–	–	–	
IKON type, Lock No. 360012 K1	Z-J	1A	–	–	–	Z-J	1AE	–	–	–	
BSK type, Lock No. S1	BKS	1A	BKS	1E	–	BKS	1AE	–	–	–	
Lock No. E1 (for VW)	BKS A	1A	–	–	–	BKS A	1AE	–	–	–	
Lock No. E2 (for VW)	BKS E	1A	–	–	–	BKS E	1AE	–	–	–	
Lock No. E7 (for VW)	BKS C	1A	–	–	–	BKS C	1AE	–	–	–	
Lock No. E9 (for VW)	BKS B	1A	–	–	–	BKS B	1AE	–	–	–	
O.M.R. type, black, lock No. 73034	OMR BK	1A	OMR BK	1E	–	OMR BK	1AE	–	–	–	

For special designs, see last page.

<sup>1)</sup> For further details about the individual actuators, see Section Pushbuttons and indicator lights/SIGNUM 3SB3/Pushbuttons and switches.



# Actuator-Sensor-Interface SIGNUM Pushbuttons and Indicator Lights

AS-Interface enclosures

## Selection and ordering data

### Components for command points (order form supplement, Section IV/1)

#### Short code

Key can be removed in position

Add.  
price  
PG 132

O I II O and I O and II I and II I, O and II

### Locks <sup>1)</sup>

#### Switching sequence O-I momentary contact (with resetting from the right)

RONIS type, flat, lock No. SB30	RSB	2A	–	–	–	–	–	–
CES type, Lock No. SSG 10	CES	2A	–	–	–	–	–	–
Lock No. LSG 1	CESL	2A	–	–	–	–	–	–
KON type, Lock No. 360012 K1	Z-J	2A	–	–	–	–	–	–
BKS type, Lock No. S1	BKS	2A	–	–	–	–	–	–
O.M.R. type, black, lock No. 73034	OMR BK	2A	–	–	–	–	–	–

#### Switching sequence I-O-II latching

RONIS type, flat, lock No. SB30	RSB	4A	RSB	4E	RSB	4D	–	–	RSB	4ED	RSB	4EAD
CES type, Lock No. SSG 10	CES	4A	CES	4E	CES	4D	–	–	CES	4ED	CES	4EAD
KON type, Lock No. 360012 K1	Z-J	4A	Z-J	4E	Z-J	4D	–	–	Z-J	4ED	Z-J	4EAD
BKS type, Lock No. S1	BKS	4A	BKS	4E	BKS	4D	–	–	BKS	4ED	BKS	4EAD
O.M.R. type, black, lock No. 73034	OMR BK	4A	–	–	–	–	–	–	OMR BK	4ED	OMR BK	4EAD

#### Switching sequence I-O-II momentary contact (with resetting from the right and left)

RONIS type, flat, lock No. SB30	RSB	5A	–	–	–	–	–	–
CES type, Lock No. SSG 10	CES	5A	–	–	–	–	–	–
KON type, Lock No. 360012 K1	Z-J	5A	–	–	–	–	–	–
BKS type, Lock No. S1	BKS	5A	–	–	–	–	–	–
O.M.R. type, black, lock No. 73034	OMR BK	5A	–	–	–	–	–	–

#### Switching sequence I-O-II right latching, left momentary contact (with resetting from the left)

RONIS type, flat, lock No. SB30	RSB	6A	–	RSB	6D	–	RSB	6AD	–	–
CES type, Lock No. SSG 10	CES	6A	–	CES	6D	–	CES	6AD	–	–
KON type, Lock No. 360012 K1	Z-J	6A	–	Z-J	6D	–	Z-J	6AD	–	–
BKS type, Lock No. S1	BKS	6A	–	BKS	6D	–	BKS	6AD	–	–
O.M.R. type, black, lock No. 73034	OMR BK	6A	–	OMR BK	6D	–	OMR BK	6AD	–	–

#### Switching sequence I-O-II left latching, right momentary contact (with resetting from the right)

RONIS type, flat, lock No. SB30	RSB	7A	RSB	7E	–	RSB	7AE	–	–	–
CES type, Lock No. SSG 10	CES	7A	CES	7E	–	CES	7AE	–	–	–
KON type, Lock No. 360012 K1	Z-J	7A	Z-J	7E	–	Z-J	7AE	–	–	–
BKS type, Lock No. S1	BKS	7A	BKS	7E	–	BKS	7AE	–	–	–
O.M.R. type, black, lock No. 73034	OMR BK	7A	OMR BK	7E	–	–	–	–	–	–

For special designs, see last page.

1) For further details about the individual actuators, see Section Pushbuttons and indicator lights/SIGNUM 3SB3/Pushbuttons and switches.

# Actuator-Sensor-Interface SIGNUM Pushbuttons and Indicator Lights



## AS-Interface enclosures

### Selection and ordering data

#### Components for command points (order form supplement, Sections IV/ 2 and IV/4)

	Design	Short code	Add. price
<b>Contact blocks, lamp holders and series elements</b>			
<b>Short code for actuating elements with 2 positions</b>	Contact blocks	NO contact <b>S</b>	
		NC contact <b>Ö</b>	
	Lamp holder with incandescent lamp	<b>WB G</b>	
	Lamp holder with LED	<b>WB L</b>	
	Label		Add. price
<b>Indicator labels</b>	For inscription, see Section Pushbuttons and indicator lights/SIGNUM 3SB3/Labelling using indicator labels		per label
	Special inscriptions		per label
	without inscription	Laser inscription	per label
<b>Special versions</b>			
	Design		Add. price
<b>3SB38 enclosed pushbuttons</b>	Application of a yellow contrast surface	without inscription	per command point
		with depression for indicator label	per command point
<b>3SF.. enclosed pushbuttons with AS-Interface connection</b>	M12 socket for unassigned input and output		
	Safe AS-Interface adapter		