

**SIEMENS**



# Industrial Controls

8WN Signaling Columns

# 8WN signaling columns

## 8WN44 Signaling columns, 70mm diameter, modular

### Selection and ordering data

#### Overview

- Features:
- Thermoplast enclosure, diameter 70mm
  - Degree of protection IP65
  - Up to 5 elements can be mounted

	Version	Rated voltage	Color	Order No.	PS*
Buzzer elements					
	Continuous tone	24V AC/DC	Black	8WN4420-0GA00	1 unit
		110V AC/DC	Black	8WN4440-0GA00	1 unit
		220V AC	Black	8WN4450-0GA00	1 unit
	Pulsating tone	24V AC/DC	Black	8WN4420-0HA00	1 unit
		110V AC/DC	Black	8WN4440-0HA00	1 unit
		220V AC	Black	8WN4450-0HA00	1 unit
Light elements with LED <sup>1)</sup>					
	Continuous light elements	24V AC/DC	Red	8WN4420-5AB00	1 unit
			Green	8WN4420-5AC00	1 unit
			Yellow	8WN4420-5AD00	1 unit
			Clear	8WN4420-5AE00	1 unit
			Blue	8WN4420-5AF00	1 unit
		110V AC/DC	Red	8WN4440-5AB00	1 unit
			Green	8WN4440-5AC00	1 unit
			Yellow	8WN4440-5AD00	1 unit
			Clear	8WN4440-5AE00	1 unit
	220V AC	Red	8WN4450-5AB00	1 unit	
		Green	8WN4450-5AC00	1 unit	
		Yellow	8WN4450-5AD00	1 unit	
	Blinking light elements	24V AC/DC	Red	8WN4420-5BB00	1 unit
			Green	8WN4420-5BC00	1 unit
			Yellow	8WN4420-5BD00	1 unit
			Clear	8WN4420-5BE00	1 unit
			Blue	8WN4420-5BF00	1 unit
		110V AC/DC	Red	8WN4440-5BB00	1 unit
			Green	8WN4440-5BC00	1 unit
			Yellow	8WN4440-5BD00	1 unit
			Clear	8WN4440-5BE00	1 unit
	220V AC	Red	8WN4450-5BB00	1 unit	
		Green	8WN4450-5BC00	1 unit	
		Yellow	8WN4450-5BD00	1 unit	
		Clear	8WN4450-5BE00	1 unit	
		Blue	8WN4450-5BF00	1 unit	
		Connection elements			
	Connection elements		Black	8WN4408-0AF00	1 unit
	cover		Black	8WN4408-0AG00	1 unit
Mounting					
  	Foot with pipe	Pipe length 60mm		8WN4408-0DH00	1 unit
		Pipe length 80mm		8WN4408-0DJ00	1 unit
		Pipe length 110mm		8WN4408-0DA00	1 unit
	Brackets for wall mounting	Mounting with feet and pipe		8WN4408-0CC00	1 unit
		Mounting without feet and pipe		8WN4408-0CF00	1 unit
	Pivoting base	Fold-out support		8WN4408-0CG00	1 unit

1) only for use in combination with Siemens commanding and signaling devices.



# 8WN signaling columns

## 8WN22 Signaling columns, 50mm diameter, pre-assembled

### Selection and ordering data

#### Overview

Features: • Thermoplast enclosure, diameter 50mm

		Version	Rated voltage	Color	Order No.	PS *
with light elements <sup>1)</sup>						
	Continuous light	24V AC/DC	Red Red, green Red, yellow, green	8WN2221-6AB00	1 unit	
				8WN2222-6AG00	1 unit	
				8WN2223-6AJ00	1 unit	
	110V AC/DC	Red Red, green Red, yellow, green	8WN2241-6AB00	1 unit		
			8WN2242-6AG00	1 unit		
			8WN2243-6AJ00	1 unit		
	220V AC	Red Red, green Red, yellow, green	8WN2251-6AB00	1 unit		
			8WN2252-6AG00	1 unit		
			8WN2253-6AJ00	1 unit		
Blinking light	24V AC/DC	Red Red, green Red, yellow, green	8WN2221-6BB00	1 unit		
			8WN2222-6BG00	1 unit		
			8WN2223-6BJ00	1 unit		
With light elements and buzzer <sup>1)</sup>						
	Continuous light with continuous tone	24V AC/DC	Red Red, green Red, yellow, green	8WN2222-6JB00	1 unit	
				8WN2223-6JG00	1 unit	
				8WN2224-6JJ00	1 unit	
		110V AC/DC	Red Red, green Red, yellow, green	8WN2242-6JB00	1 unit	
				8WN2243-6JG00	1 unit	
				8WN2244-6JJ00	1 unit	
	220V AC	Red Red, green Red, yellow, green	8WN2252-6JB00	1 unit		
			8WN2253-6JG00	1 unit		
			8WN2254-6JJ00	1 unit		
	Continuous light with pulsating tone	24V AC/DC	Red Red, green Red, yellow, green	8WN2222-6KB00	1 unit	
				8WN2223-6KG00	1 unit	
				8WN2224-6KJ00	1 unit	
		110V AC/DC	Red Red, green Red, yellow, green	8WN2242-6KB00	1 unit	
				8WN2243-6KG00	1 unit	
				8WN2244-6KJ00	1 unit	
	220V AC	Red Red, green Red, yellow, green	8WN2252-6KB00	1 unit		
			8WN2253-6KG00	1 unit		
			8WN2254-6KJ00	1 unit		
	Blinking light with continuous tone	24V AC/DC	Red Red, green Red, yellow, green	8WN2222-6MB00	1 unit	
				8WN2223-6MG00	1 unit	
				8WN2224-6MJ00	1 unit	
	Blinking light with pulsating tone	24V AC/DC	Red Red, green Red, yellow, green	8WN2222-6NB00	1 unit	
				8WN2223-6NG00	1 unit	
				8WN2224-6NJ00	1 unit	

1) only for use in combination with Siemens commanding and signaling devices.

# 8WN signaling columns

## General data

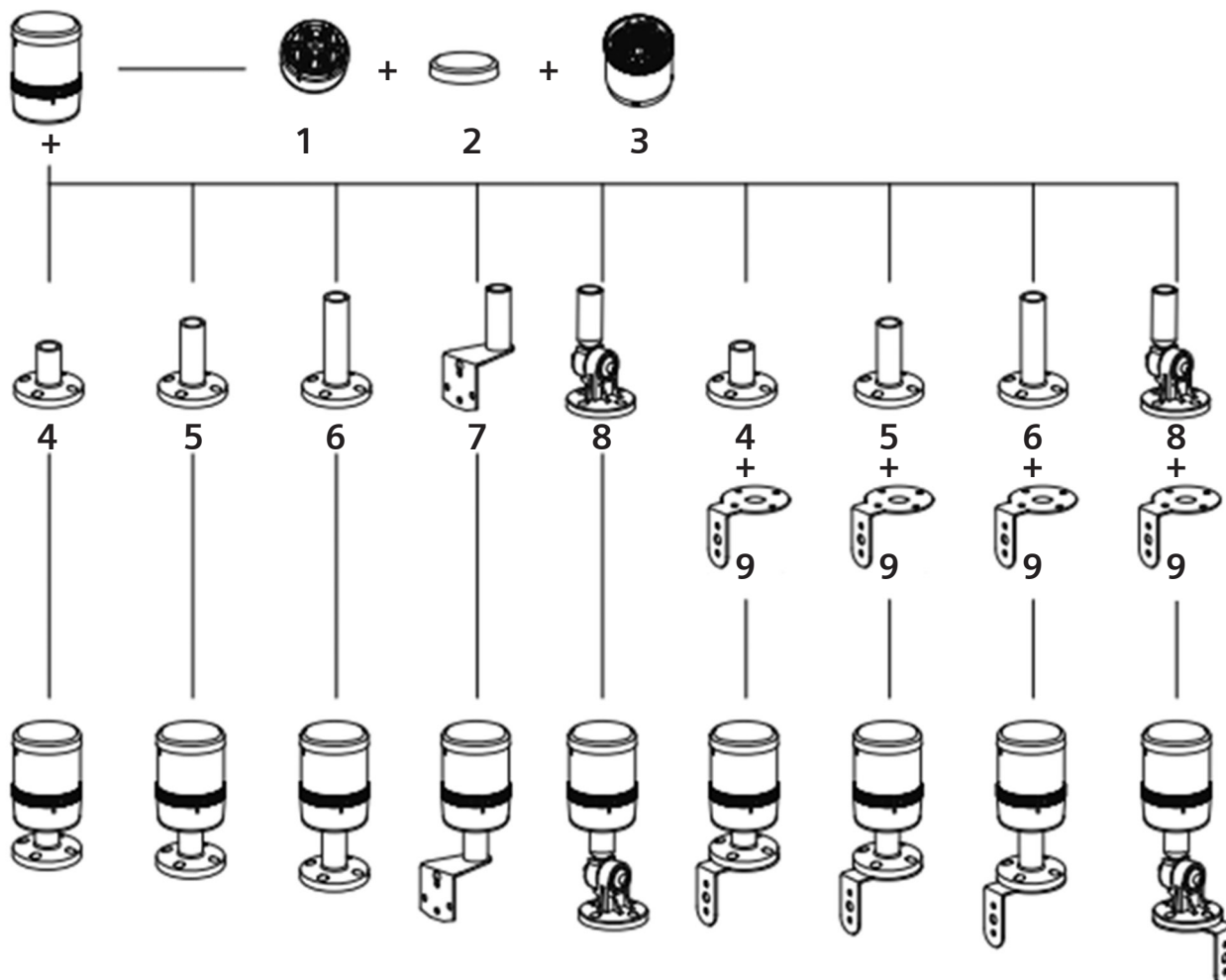
### Technical Specifications

Type	8WN44	8WN22
General data		
Approvals	CE	CE
Light and acoustic elements		
Light elements with LED		
· Continuous light	24V AC/DC/60mA; 110V AC/DC/17mA; 220V AC/17mA	24V AC/DC/40mA; 110V AC/DC/25mA; 220V AC/25mA
· Blinklight	24V AC/DC/60mA; 110V AC/DC/24mA; 220V AC/32mA	24V AC/DC/40mA;
Acoustic elements		
· Buzzer element (tone: pulsating or continuous, dB)	90dB (at 10cm) 24V AC/DC/30mA; 110V AC/DC/30mA; 220V AC/30mA	90dB (at 10cm) 24V AC/DC; 110V AC/DC; 220V AC
Enclosures		
Enclosure material	Thermoplastic black	Thermoplastic black
Light elements	Thermoplastic	Thermoplastic
Mounting		
· Feet with pipes	√	√
· Brackets for side mounting	√	
· Fold-out support	√	
Degree of protection	IP65	IP20
Operating temperature	-5...+40	-5...+40
Connection	M3 screw terminals	Cable
· Conductor cross-sections    mm <sup>2</sup>	1.5	0.5
· Tightening torque                Nm	0.5	2

# 8WN44 Signaling columns, 70mm diameter

## General data

### Combination of accessories



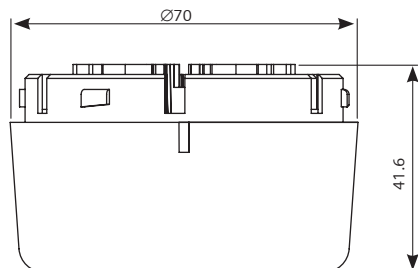
1. Connection elements 8WN4408-0AF00
2. Cover 8WN4408-0AG00
3. Light elements 8WN44
4. Foot with pipe length 60mm 8WN4408-0DH00
5. Foot with pipe length 80mm 8WN4408-0DJ00
6. Foot with pipe length 110mm 8WN4408-0DA00
7. Brackets for wall mounting without feet and pipe 8WN4408-0CF00
8. Pivoting base 8WN4408-0CG00
9. Brackets for wall mounting with feet and pipe 8WN4408-0CC00

# 8WN44 Signaling columns, 70mm diameter

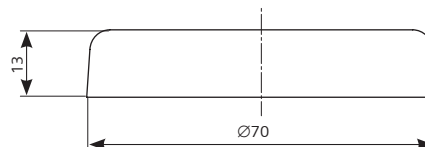
## Dimensional drawings

### Dimensional drawings

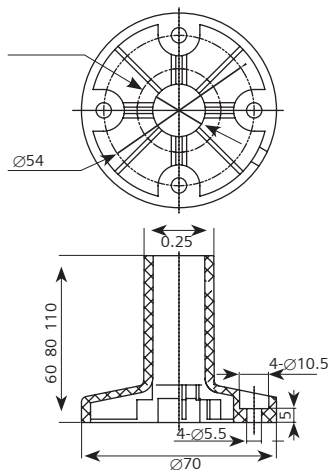
Connection elements (8WN4408-0AF00)



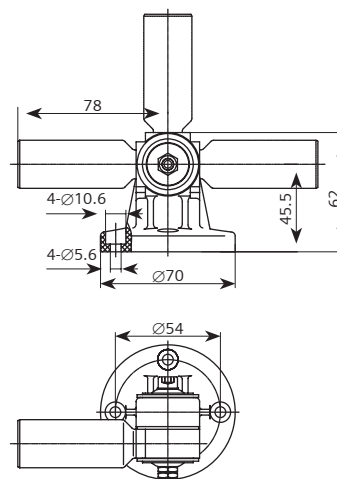
cover for light elements (8WN4408-0AG00)



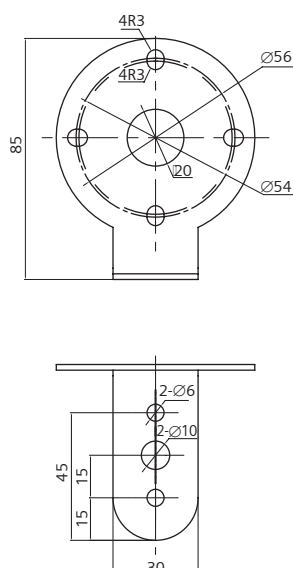
Feet with pipes (8WN4408-0DH00, 8WN4408-0DJ00, 8WN4408-0DA00)



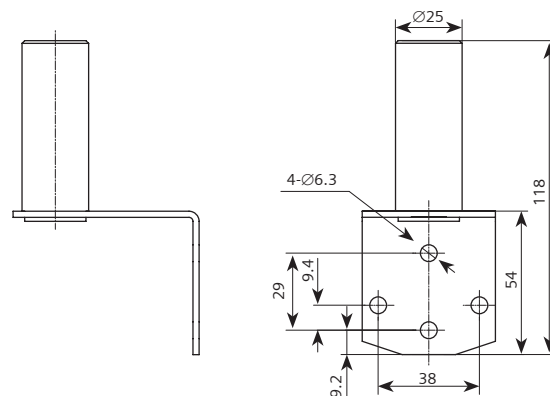
Fold-out support (8WN4408-0CG00)



Brackets for side mounting (8WN4408-0CF00)



Brackets for side mounting, use together with foot with pipe (8WN4408-0CC00)

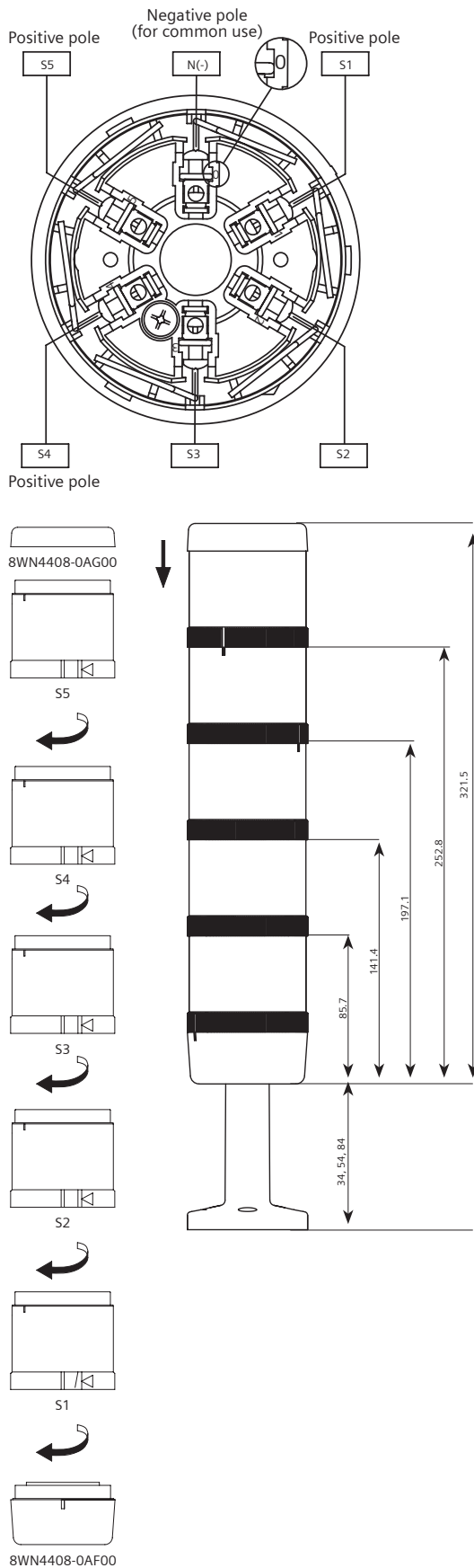


# 8WN signaling columns, diameter

## Wiring and outline dimension

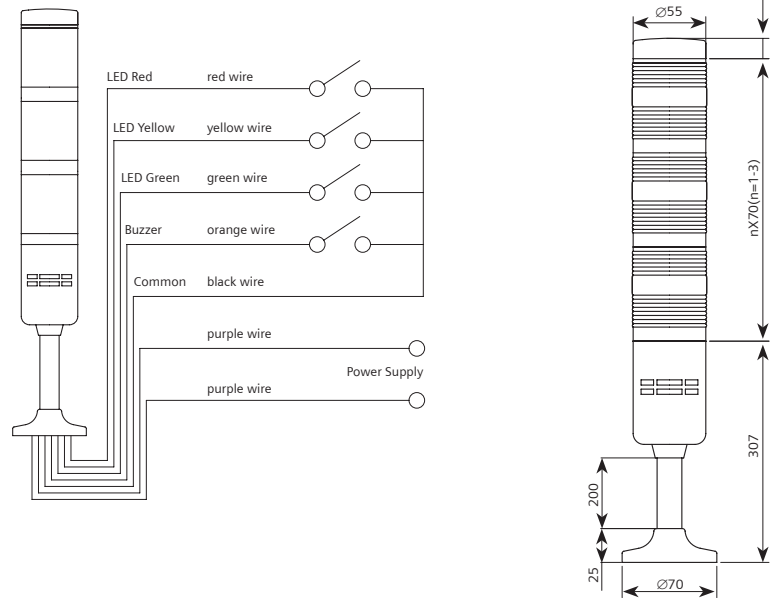
### Wiring and outline dimension

#### 8WN44 Signaling columns, 70mm diameter

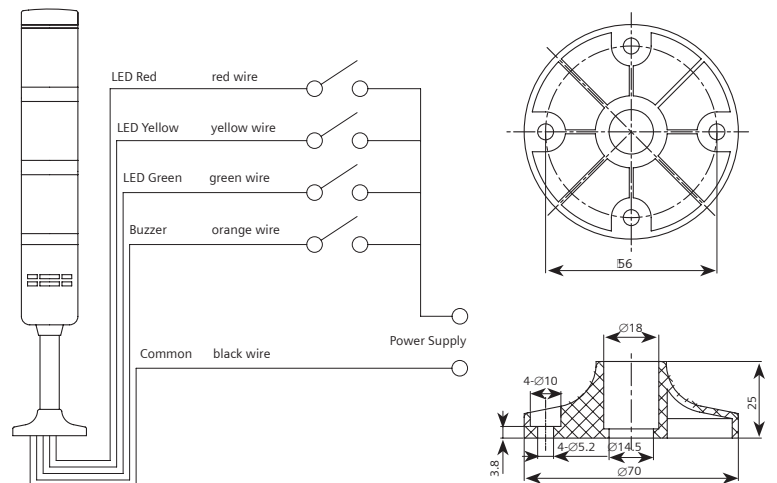


#### 8WN22 signaling columns, 50mm diameter

##### Blinking Unit



##### Continuous Unit



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