PSD – Phoenix Signaling Devices
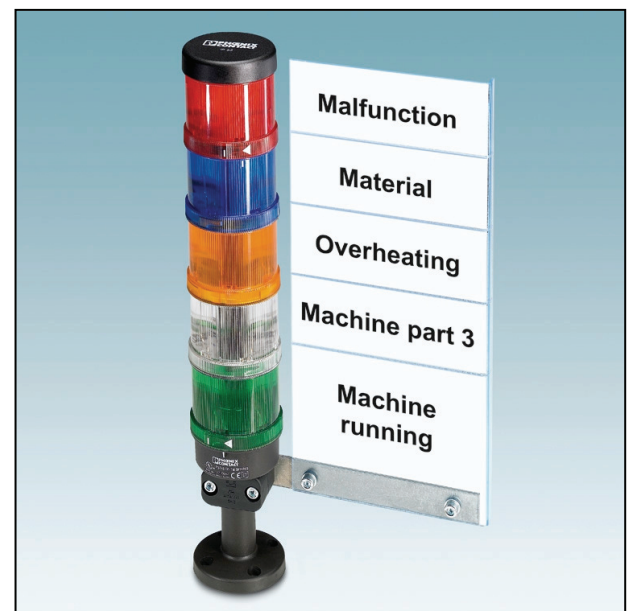# Flexible combination and easy installation of signal towers

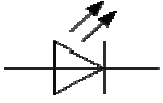Take a look at the signal towers from Phoenix Contact:

- Clear status message

- A wide range of signals

- Fast installation

- Modular design

- Modular expandability

- Diverse mounting options

- High degree of protection

For status display on …

- Machines or systems such as

    - Operating state (startup, normal operation, etc.)

    - Warnings

    - Malfunctions

    - Impending critical states

    - Acknowledgement requests

- Access control devices

- Limit systems

- etc.

Technical data
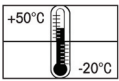
- Lighting appliances: LED and bulb

- Diameter: 70 mm

- Nominal voltage: 24 V

$U_{Operation}$

- Temperature range: -20°C to +50°C

- Degree of protection: IP65

- Approvals: cULus

≤ 5
- A maximum of 5 optical or acoustic elements can be combined (max. 1 acoustic element)

- Screw and spring-cage connection

Mounting options tailor-made to your requirements

Floor mounting

Connection element with screw connection for floor mounting

Order No. **2700093**

Connection element with spring-cage connection for floor mounting

Order No. **2700091**

Outlet box with lateral cable entry

Order No. **2700153**

Angle for floor mounting

Order No. **2700144**

Angle for single-sided floor mounting

Order No. **2700160**

Angle for two-sided floor mounting

Order No. **2700161**

Setting up a signal tower – modular and flexible

- Select the appropriate installation type for the way in which you use the signal tower: floor mounting or tube mounting.

- Select the mounting bracket or the outlet box, if required.

- If required, select the foot and the tube with the required length (110 mm, 250 mm, 400 mm or 1000 mm).

- Select the connection element depending on the installation type (screw connection or spring-cage connection).

- Select the required optical elements and, if necessary, the acoustic element (max. 5 elements, including no more than 1 acoustic element).

Acoustic element

Optical element:

Permanent light
Flashing light
LED permanent light
LED blinking light
LED flashing light
LED random flashing light
LED rotating light

Tube mounting

Connection element with
screw connection for
tube mounting

Order No. **2700095**

Connection element with
spring-cage connection for
tube mounting

Order No. **2700092**

Adapter for
single-hole mounting

Order No. **2700150**

Foot with
integrated tube

Order No. **2700156**

Tube Ø 25 mm	
	Order No
250 mm	**2700157**
400 mm	**2700158**
1000 mm	**2700154**

Tube for direct
mounting of the
signal tower on
the foldaway base

Order No. **2700152**

Foot for tube,
metal

Order No. **2700164**

Foot for tube,
plastic

Order No. **2700163**

Foldaway base

Order No. **2700151**

Outlet box with
lateral cable entry

Order No. **2700153**

Outlet box with magnetic base
and lateral cable entry

Order No. **2700155**

Angle for base mounting
with covered cable routing

Order No. **2700149**

Angle for
base mounting

Order No. **2700143**

Optical and acoustic elements

Optical elements - signal types

- Permanent light (bulb)
- Flashing light (Xenon tube)
- LED permanent light
- LED blinking light
- LED flashing light (double flash)
- LED random flashing light
- LED rotating light

Acoustic elements – signal types

- Continuous or pulse tone
- Voice output

Special features:

- Manually adjustable volume
- Self-regulating volume
- Elements with up to 8 tones
- Tone can be selected via 3 control lines

Order overview

Material type	Order No.	Order Designation	Description
Acoustic	2700137	PSD-S AE SP1-3 100DB/2	Siren element, pulse tone, 24 V DC, self-regulating volume, max. 100 dB(A), black
	2700139	PSD-S AE SC1-2 105DB	Siren element, alternating, 24 V DC, max. 105 dB(A), black
	2700136	PSD-S AE BM2-1 85DB	Buzzer element, continuous tone/pulse tone, 24 V AC/DC, max. 85 dB(A), black
	2700138	PSD-S AE SM8-5 100DB/1	Siren element, 8 tones, 24 V AC/DC, max. 100 dB(A), tones selectable by DIP switch, black
	2700141	PSD-S AE SM7-4 100DB/3	Siren element, 7 tones, 24 V DC, max. 100 dB(A), tone selection over 3 signal lines, black
	2700140	PSD-S AE V15/1	Voice output element, 24 V DC, up to 15 sound sequences, max. 60 minutes play time, black
Optical Characteristics	2700096	PSD-S OE RD	Permanent light element, 12-240 V AC/DC, red, without light bulb
	2700097	PSD-S OE GN	Permanent light element, 12-240 V AC/DC, green, without light bulb
	2700098	PSD-S OE YE	Permanent light element, 12-240 V AC/DC, yellow, without light bulb
	2700099	PSD-S OE CL	Permanent light element, 12-240 V AC/DC, clear, without light bulb
	2700100	PSD-S OE BU	Permanent light element, 12-240 V AC/DC, blue, without light bulb
	2700101	PSD-S OE FL RD	Flashing beacon element, 24 V DC, red, Xenon flash tube
	2700102	PSD-S OE FL GN	Flashing beacon element, 24 V DC, green, Xenon flash tube
	2700103	PSD-S OE FL YE	Flashing beacon element, 24 V DC, yellow, Xenon flash tube
	2700105	PSD-S OE FL CL	Flashing beacon element, 24 V DC, clear, Xenon flash tube
	2700106	PSD-S OE FL BU	Flashing beacon element, 24 V DC, blue, Xenon flash tube
	2700107	PSD-S OE LED RD	LED permanent light element, 24 V AC/DC, red
	2700122	PSD-S OE LED YE	LED permanent light element, 24 V AC/DC, yellow
	2700119	PSD-S OE LED GN	LED permanent light element, 24 V AC/DC, green
	2700131	PSD-S OE LED BU	LED permanent light element, 24 V AC/DC, blue
	2700127	PSD-S OE LED CL	LED permanent light element, 24 V AC/DC, clear
	2700114	PSD-S OE LED BL RD	LED blinking light element, 24 V AC/DC, red
	2700123	PSD-S OE LED BL YE	LED blinking light element, 24 V AC/DC, yellow
	2700121	PSD-S OE LED BL GN	LED blinking light element, 24 V AC/DC, green
	2700132	PSD-S OE LED BL BU	LED blinking light element, 24 V AC/DC, blue
	2700128	PSD-S OE LED BL CL	LED blinking light element, 24 V AC/DC, clear
	2700115	PSD-S OE LED FL RD	LED flashing beacon element, 24 V DC, red, double flash
	2700124	PSD-S OE LED FL YE	LED flashing beacon element, 24 V DC, yellow, double flash
	2700134	PSD-S OE LED FL BU	LED flashing beacon element, 24 V DC, blue , double flash
	2700129	PSD-S OE LED FL CL	LED flashing beacon element, 24 V DC, clear, double flash
	2700118	PSD-S OE LED RFL RD	LED random flashing beacon, 24 V DC, red
	2700126	PSD-S OE LED RFL YE	LED random flashing beacon, 24 V DC, yellow
	2700135	PSD-S OE LED RFL BU	LED random flashing beacon, 24 V DC, blue
	2700130	PSD-S OE LED RFL CL	LED random flashing beacon element, 24 V DC, clear
	2700116	PSD-S OE LED RL RD	LED rotating light element, 24 V AC/DC, red
	2700125	PSD-S OE LED RL YE	LED rotating light element, 24 V AC/DC, yellow
Connection	2700091	PSD-S CE-SM SPRING	Connection elements with spring-cage connection for base mounting, black
	2700092	PSD-S CE-TM SPRING	Connection element with spring-cage connection for tube mounting , black
	2700093	PSD-S CE-SM SCREW	Connection element with screw connection for base mounting, black
	2700095	PSD-S CE-TM SCREW	Connection element with screw connection for tube mounting, black
Mounting	2700153	PSD-S ME OB	Outlet box with sideways cable entry for base and floor mounting, black
	2700144	PSD-S ME BR-SM	Angle for base mounting black
	2700160	PSD-S ME BR-SM/1S	Angle for one-sided base mounting black, hidden cable routing
	2700161	PSD-S ME BR-SM/2S	Angle for two-sided base mounting black, hidden cable routing
	2700155	PSD-S ME OB/MB	Outlet box with magnetic base for base mounting, black
	2700149	PSD-S ME BR-BM/HCR	Angle for base mounting, hidden cable routing, black
	2700143	PSD-S ME BR-BM	Angle for base mounting black
	2700156	PSD-S ME BT 110	Base with integrated tube, 110 mm long, plastic, black
	2700163	PSD-S ME B-P	Base for tube Ø 25 mm, plastic black
	2700164	PSD-S ME B-M	Base for tube Ø 25 mm, metal black
	2700157	PSD-S ME T-M 250	Tube, 250mm long, Ø 25 mm, aluminum
	2700158	PSD-S ME T-M 400	Tube, 15.75in long, Ø 25 mm, aluminum
	2700154	PSD-S ME T-M 1000	Tube, 39.37in long, Ø 25 mm, aluminum
	2700150	PSD-S ME A-SH M18	Adapter for single hole mounting
	2700151	PSD-S ME FB	Foldaway base, pitch 7.5°, black
	2700152	PSD-S ME T-P 45	Tube, 45 mm long, Ø25 mm, plastic, for direct tube mounting on the foldaway base, black
Accessories	2700142	PSD-S AS BULB 5W	Light bulb, 5W, 24 V, BA 15d socket
	2700145	PSD-S AS CABLE GLAND M16X1,5	Cable gland, M16 x 1.5 mm, black
	2700147	PSD-S AS LABEL BOARD	Labeling field for columns with tube mounting, complete with mounting material
	2700148	PSD-S AS END COVER	End cover black (replacement part)