Techn. datasheet

Completely pre-assembled Signal Towers / eSIGN
eSIGN IO-Link 9 Segments with Siren

Part No.:	657.110.55
Series:	eSIGN

MECHANICAL DATA	
Height	271 mm
Diameter	72 mm
Materials	PC
Dome colour	Clear
Housing colour	Black
Protection category	IP66 IP69K
Connection	M12 plug 4-pole
Type of fixing	Base mounting Tube mounting
Working temperature minimum	-30°C
Working temperature maximum	+60°C
Weight with packaging	608 g
Product weight	563 g

ELECTRICAL DATA	
Operating voltage	24V
Operating voltage type	DC
Operating voltage tolerance	+/- 20%
Rated operational voltage	24 VDC
Rated operational current	405 mA
Rated inrush current	800 mA
Protection class	Protection class 3
Pollution degree	3
Overvoltage category	I
Isolation voltage	Ui = 50V / Uimp = 330V
Request to external PSU	SELV/PELV
connectivity	IO-Link

OPTICAL DATA	
Light source	LED
Light colour	MC >1.000.000 colours
Optical signal image	Blink Double flash Flash Permanent Revolving Triple flash
Service life optical	50,000 h maximum

ACUSTICAL DATA	

! For additional installation and mounting information, refer to the appropriate user guide at www.werma.com. This printed copy is for information only and is subject to alteration.

WERMA Signaltechnik GmbH + Co. KG · Dürbheimer Straße 15 · D-78604 Rietheim-Weilheim
Tel +49 (0) 74 24 95 57-0 · Fax +49 (0) 74 24 95 57-44 · info@werma.com · www.werma.com
08.04.2022 / 657.110.55

1/3

Completely pre-assembled Signal Towers / eSIGN
eSIGN IO-Link 9 Segments with Siren

Volume (max) at 1m distance	105 dB (A)
Acoustic signal image	Multi-tone
Number of tones	10 tone
Volume adjustable	Software controlled
Volume adjustment range	80-105 dB (A)
Acoustic service life	5,000 h minimum

APPROVAL DATA	
Conforms with CE	Yes
WEEE	Yes
Conforms with RED directive	No
Conforms with ATEX-directive	No
Conforms with CCC-Ex	No
Conforms with CCC	No
Conforms with UL	cULus
UL Type Rating	Type 4/4X/12/13
Conforms with FCC	No
Conforms with IC	No
EAC certificate available	No
Conforms with UKCA (Importer)	Yes (WERMA (UK) Ltd.)
Conforms with CMIM	No
Conforms with AS-I	No
Conforms with DNV	No
Conforms with RoHS CN	No
Conforms with VdS	No

! For additional installation and mounting information, refer to the appropriate user guide at www.werma.com. This printed copy is for information only and is subject to alteration.

Completely pre-assembled Signal Towers / eSIGN
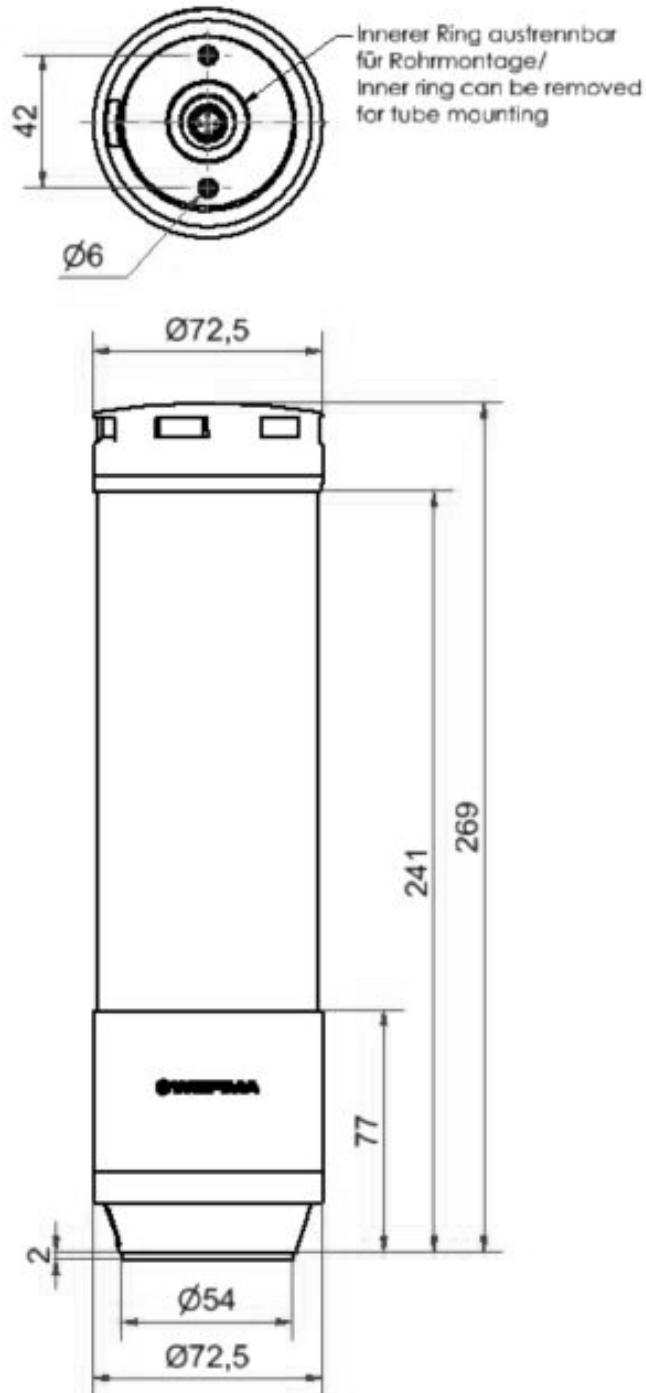## eSIGN IO-Link 9 Segments with Siren

DRAWING

Innerer Ring austrennbar
für Rohrmontage/
Inner ring can be removed
for tube mounting

Ø6

Ø72,5

269
241
77
2
Ø54
Ø72,5

42

! For additional installation and mounting information, refer to the appropriate user guide at www.werma.com. This printed copy is for information only and is subject to alteration.

WERMA Signaltechnik GmbH + Co. KG · Dürbheimer Straße 15 · D-78604 Rietheim-Weilheim
Tel +49(0) 74 24 95 57-0 · Fax +49(0) 74 24 95 57-44 · info@werma.com · www.werma.com
08.04.2022 / 657.110.55

3/3