



 **IO-Link**  
Intelligent signalling technology

The signal tower of today can not only warn, guide and protect visually and acoustically on site, but also communicate intelligently with other signal towers and systems.

One of these interfaces is IO-Link, the first globally standardised IO technology to ensure fast, flexible and uncomplicated data exchange. IO-Link makes it possible to connect and control sensors and actuators with high speed and precision. From the automotive industry to food processing, IO-Link is gaining ground in numerous sectors and is driving the devel-

opment towards intelligent, connected production systems. By using this powerful point-to-point communication, signal towers such as the eSIGN or KombiSIGN can signal information from beyond the location of the product. Data from different sensors are relayed in realtime and displayed as programmed. The resulting transparency of production processes offers you new potential to recognise emerging problems faster and more precisely and thus increase the efficiency of your production.



**eSIGN**

	15 segments	9 segments
Dimensions (Ø x Height)	72,5 mm x 371,5 mm	72,5 mm x 271 mm
Lens colour/Housing colour	clear/black or clear/white	clear/black or clear/white
Protection rating	IP 66 / IP 69k	IP 66 / IP 69k
Sound output	4 stages / 80-105 dB (A), depending on tone type	4 stages / 80-105 dB (A), depending on tone type
Connection	M12 (4 pole)	M12 (4 pole)
Fixing	Base mounting, wall mounting, tube mounting	Base mounting, wall mounting, tube mounting
Voltage	24 V DC	24 V DC
Current consumption	555 mA (without siren) 620 mA (with siren)	555 mA (without siren) 620 mA (with siren)
Light colour	LED / Multicolour; various colours configurable	LED / Multicolour; various colours configurable
Optical light effects	Permanent, blinking, flashing, double flash, triple flash, rotating	Permanent, blinking, flashing, double flash, triple flash, rotating
Tone type	Multi-tone / 10 tones are configurable	Multi-tone / 10 tones are configurable
IO Link without siren black	<b>657 510 55</b>	<b>657 010 55</b>
IO Link with siren black	<b>657 610 55</b>	<b>657 110 55</b>
IO Link without siren white	<b>657 710 55</b>	<b>657 210 55</b>
IO Link with siren black white	<b>657 810 55</b>	<b>657 310 55</b>

**KombiSIGN 72**

	ClassicLOOK	DesignLOOK
Terminal element IO Link		
Dimensions (Ø x Height)	70 mm x 65,5 mm	
Protection rating	IP 65	
Sound output	Max. 105 dB	
Cable entry	Cable diameter max. 11 mm	
Connection	CAGE CLAMP® technology max. 1,5mm <sup>2</sup>	
Number of tiers possible	Max. 5	
Voltage	24 V via IO Link	
Current consumption	6 mA	
IO Link Feature	Switching on and off the signal elements	
IO Link Terminal element	<b>646 840 55</b>	<b>646 440 55</b>

**KombiSIGN 40**

	ClassicLOOK	DesignLOOK
Dimensions (Ø x Height)	40 mm x 58,6 mm	
Protection rating	IP 66	
Sound output	Max. 95 dB	
Cable diameter	max. 9 mm	
Terminal element	max. 0,75 mm <sup>2</sup>	
Number of tiers possible	Max. 5	
Voltage	24 V via IO Link	
Current consumption	10 mA	
IO Link Feature	Switching on and off the signal elements	
IO Link Terminal element	<b>631 800 55</b>	<b>631 400 55</b>



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