



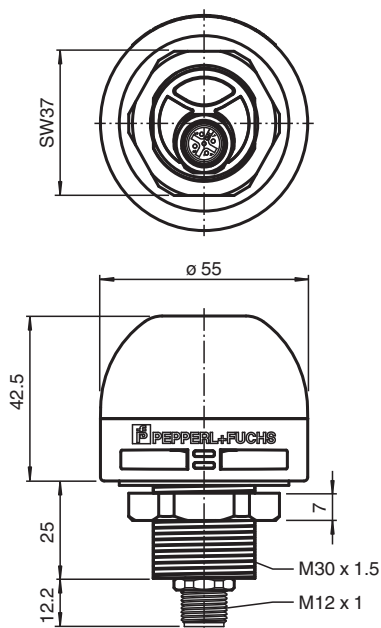
IO-Link signal light ICA-SB-MCST-55MM-IO-V1

- IO-Link interface
- M12 plug connection
- Compact signal light with a diameter of 55 mm
- Over 1 million colors configurable
- Built-in siren (85 dB)
- Built-in touch functionality

IO-Link signal light with touch functionality and siren



Dimensions



Technical Data

General specifications

Light type	LED Light color: MC > 1 000 000 colors, configurable via IO-Link Signal patterns: blink, flash, continuous	
Signal type	Multi-tone, 10 tones, adjustable Volume max. 85 dB at a distance of 1 m Volume adjustable	
Color	black	
Frequency	Flash frequency can be configured	

Electrical specifications

Insulation voltage	U _i	U _i = 50 V / U _{imp} = 330 V
Rated operating voltage	U _e	24 V DC ± 0 %
Rated operating current	I _e	55 mA
Surge protection	Category I	
Inrush current	350 mA	

Release date: 2026-05-26 Date of issue: 2026-06-09 Filename: 70189431_eng.pdf

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111
fa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com

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Technical Data

Interface

Interface type		IO-Link (via C/Q = pin 4)
IO-Link revision		1.1
Device profile		Identification and Diagnosis - I&D Firmware update
Process data		Outputs 8 Byte - light = 6 Byte - Sound = 2 Byte Inputs 3 Byte - Touchfunction: 3 Byte
Vendor ID		1 (0x0001)
Device ID		983841 (0x0F0321)
Transfer rate		COM2 (38.4 kBit/s)
Min. cycle time		5 ms
SIO mode support		no

Directive conformity

Electromagnetic compatibility		
Directive 2014/30/EU		EN 61000-6-2:2005-08 EN 61000-6-4:2007-01 EN 61000-6-4/A1:2011-02

Standard conformity

Communication interface		IEC 61131-9 / IO-Link V1.1.3
Emitted interference		EN 61000-6-4:2007-01 EN 61000-6-4/A1:2011-02

Ambient conditions

Ambient temperature		-20 ... 50 °C (-4 ... 122 °F)
Pollution degree		3 (2 in connection area)

Mechanical specifications

Degree of protection		IP65 / IP69K
Protection class		3
Material		PC
Installation		Recessed luminaire
Mass		66 g
Dimensions		
Height		79 mm
Diameter		55 mm
Connection possibilities		M12 plug, 4-pin
Life span		Optical: max. 50,000 h Acoustic: min. 5000 h