

SI^{ex} - External Space Indicator

Article number: see below

Picture: External LED Space Indicators
(conduit installation)
(actual items may differ from photo)










Description









INDECT's Space Indicator shows whether a bay is occupied or free. In addition, the integrated RGB LED allows indication of special bays (e.g. disabled bays, parent with pram, reserved etc.) through freely definable colours.

Advantages

- High-quality and super bright RGB LED and 50° lens
- LED colour can be individually selected and changed at any time to highlight or reserve bays for special user groups (e.g. family - white, disabled - blue, zone parking (cinema, hotel etc.) - pink etc.)
- LED brightness individually adjustable at a mouse click, for example, adapting it to the ambient light (ceiling light, daylight)
- Compensation of LED deterioration caused by long service life and staining
- Daylight compatible LED
- Day/night dimming possible via IVIS user interface
- Optimal perceptibility also in case of beams or fire compartments etc.
- Customer-specific length of the LED tube for optimal adaptation and visibility
- Tube can be adapted (shortened) to fit the respective constructional conditions
- Longer tube (see technical data) available at extra charge
- Rapid installation
- Special alu turned part for mounting on C-channel or plain ceiling
- Special alu turned part for hidden cable installation - for direct-ceiling or suspended installations
- Options:
 - double-sided design
 - optional tube color (RAL)
 - optional white LED Plug for 180° or 360° "glow" effect
 - optionally not preassembled for on-site tube cutting and assembly

Commercial Data

Article name	Article number	Customs tariff number	Weight per unit
Project Articles			
SI^{ex} RGB/SS Set 55-200 mm External RGB LED space indicator, 55-200 mm, incl. aluminium tube anodised 20 mm diameter, RGB LED single-sided, 50° lens, 4 m shielded cable, LED plug black; excl. fixture (see ALUP) 	1002406		
SI^{ex} RGB/SS Set 201-400 mm External RGB LED space indicator, 201-400 mm, incl. aluminium tube anodised 20 mm diameter, RGB LED single-sided, 50° lens, 4 m shielded cable, LED plug black; excl. fixture (see ALUP) 	1002407		e.g. 0.115 kg (0.253 lbs) for a length of 300 mm (11.81 in)
SI^{ex} RGB/SS Set 401-600 mm External RGB LED space indicator, 401-600 mm, incl. aluminium tube anodised 20 mm diameter, RGB LED single-sided, 50° lens, 4 m shielded cable, LED plug black; excl. fixture (see ALUP) 	1002408		
Surcharge Si^{ex} double-sided LED With double-sided LED, double-sided LED plug, 50° lens in both directions 	100253		
Surcharge LED Plug white/black single-sided LED plug white on the LED side for 180° glow effect 	100254		
Surcharge LED Plug white/white single-sided LED plug white for 360° glow effect of single-sided LEDs 	100255		
Surcharge LED Plug white/white double-sided LED plug white for 360° glow effect of double-sided LEDs 	100256		

Surcharge for Cabl^{ex} > 4 m per m For installations where an LED cable longer than 4 m (standard, included) is required	100257		
Not pre-assembled All components are shipped in bulk to be assembled on site so every aluminium tube can be shortened individually before installation	100258		
ALUPG Aluminium turned part with cable groove for direct ceiling installation of SI ^{ex}	1002402		0.010 kg (0.022 lbs)
	ALUPM10 Aluminium turned part with hollow M10 bolt incl. nut for C-channel installation of SI ^{ex}	10024021	0.018 kg (0.04 lbs)
	ALUPCov Aluminium turned part for hidden cable and "free floating" conduit installation of SI ^{ex}	10024022	
	ALUPCOVM6L Aluminium turned part for hidden cable and direct-ceiling conduit installation of SI ^{ex} with long M6 part allowing to compensate slight height differences (up to 25 mm)	10024023	
	ALUPCOVM6S Aluminium turned part for hidden cable and suspended conduit installation of SI ^{ex} with short M6 part allowing to compensate slight height differences (up to 25 mm) via an M6 threaded rod.	10024024	
	Replacement Articles		
LED Plug half, closed, black Closed LED plug half for single-sided LED, black	10024051		
	LED Plug half, open, black Open LED plug half to insert lens, black	10024052	
	LED Plug half, closed, white Closed LED plug half for single-sided LED, white for glow effect	10024053	
			

LED Plug half, open, white

Open LED plug half, to insert lens, white for glow effect



10024054

Lens 50°

For integration in space indicator, single- or double-sided



1002441

RGB-LED SS

Single-sided RGB LED on PCB with socket



100248

RGB-LED DS

Double-sided RGB LED on PCB with socket



1002481

Cabl^{ex}

Cable for external space indicator SI^{ex};
4 m, LiY(St) Y 4x0.09 mm² (AWG28), grey, shielded

1002401

Grub screw

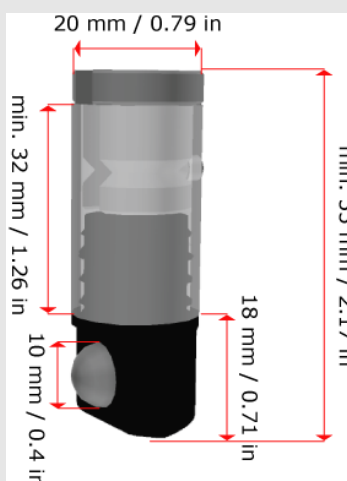
M4, hex socket head, bag à 1,000 pcs. To fix aluminium tube to alu turned part.



1002443

Technical Data

Dimensions:



Design:

Aluminium anodized; round
outer diameter: 20 mm (0.79 in)
inner diameter: 17 - 17.2 mm (0.669 - 0.677 in)

Tube colour:

Alu (optional: RAL)

Length:

According to customer preferences 55 - 600 mm
(2.17 - 23.6 in) or longer if required

Light source:	RGB LED, ca. 1,800 to 4,000 mcd; optical lens for powerful and constant 50° light emission
Ambient conditions:	-25 to 60 °C (-13 to 140 °F) 10 to 90% RH (non-condensing)
Storage temperature:	-40 to 70 °C (-40 to 158 °F)

Mounting

- Direct horizontal conduit mounting of the LED Plug (the interior diameter of the conduit used must be within 17 - 17.2 mm / 0.669 - 0.677 in)
- "Free floating" installation with ALUPCov with hidden cable; the conduit from the sensor to the Space Indicator shall be fixed in the middle with a clamp.
- Direct ceiling installation with ALUPCovM6L
The long M6 part allows for compensating for slight height differences of up to 25 mm.
- Suspended ceiling installation with threaded rod and ALUPCovM6S
The short M6 part allows for compensating for slight height differences by turning the threaded rod.
- Suspended ceiling installation with threaded rod, ALUPCovM6S and a 25 mm aluminium conduit
The short M6 part allows for compensating for slight height differences by turning the threaded rod.
The threaded rod is hidden by a 25 mm aluminium conduit.



- Direct ceiling installation with ALUPG
- C-channel installation with ALUPM10



For further information on conduit or C-channel mounting see data sheet UMS Mounting System.

Cabling

- LiY(St) Y 4x0.09 mm² (AWG28), grey, shielded (4 m included, longer cable upon request)

Note: Other cable types can be tested for suitability by INDECT upon request.

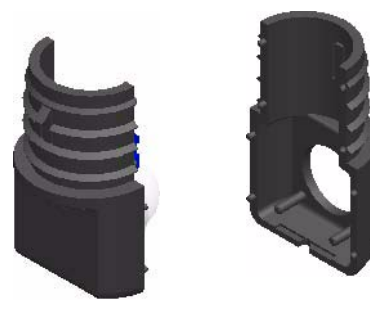
Pictures



Space Indicator with Alu turned part with M10 thread (hollow) and nut for C-channel mounting



Space Indicator with Alu turned part with groove for plain ceiling mounting



LED plug for SI^{ex}, single-sided

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