



04786E00

- > For panel mounting
- > With integrated LED
 - High luminance
 - Low heat built-up
 - Prolonged service life
- > Spring-return version
- > 2 contact elements
 - NC / NO
 - NC / NC
 - NO / NO
- > Colour filters red, yellow, green, blue and white are included in the delivery
- > With connecting cable



WebCode 8018A

ATEX / IECEx / GOST						NEC 505						NEC 506						NEC 500								
Zone		0	1	2	20	21	22	Zone		0	1	2	20	21	22	Division		1	2	1	2	1	2			
For use						x	x			x	x					For use in						x				

Selection Table

Version	Description	Order number	Art. no.	PS	Weight kg
 LED illuminated pushbutton Ex e Series 8018	with flexible lead 6 m				
	Contacts 1 NC + 1 NO, Silver-nickel	8018/3113-al-6	129769	11	0.740
	Contacts 2 NC, Silver-nickel	8018/3123-al-6	129777	11	0.740
	Contacts 2 NO, Silver-nickel	8018/3133-al-6	129784	11	0.740
 LED illuminated pushbutton Ex i Series 8018	Contacts 1 NC + 1 NO, Silver-nickel, gold-plated	8018/3213-al-6	210174	11	0.740
	Contacts 2 NC, Silver-nickel, gold-plated	8018/3223-al-6	210175	11	0.740
	Contacts 2 NO, Silver-nickel, gold-plated	8018/3233-al-6	210176	11	0.740

Note The colour filters red, yellow, green, blue, white are enclosed in the delivery.

Technical Data	
Explosion protection Global (IECEX) Gas and dust	IECEX PTB 07.0011X Ex e 8018/31. Ex dm IIC T6 Ex i 8018/32. Ex dm ia IIC T6 Ex tD A21 IP65 T80°C
Europe (ATEX) Gas and dust	PTB 02 ATEX 2129 X Ⓢ II 2 G Ex d mb IIC T6 Ⓢ II 2 D Ex tD A21 IP65 T80°C
Certificates and approvals Certificates	IECEX, ATEX, India (PESO), Canada (CSA), Kazakhstan (GOST-K), Russia (GOST-R), USA (UL), Belarus (GOST-B), Serbia (IZP)
Rated operational voltage Contact Indicating lamp unit	Ex e: max. 270 V, Ex i: $U_i \leq 30$ V DC Ex e: 12 (- 10%) ... 254 (+ 6%) V AC/DC Ex i: $U_i = 10.8$... 28 V DC
Rated operational current Contact Indicating lamp unit	Ex e: max. 6 A, Ex i: $I_i = \leq 100$ mA Ex e: 0.014 A bei 24 V DC, Ex i: $I_i = 150$ mA
Schematic	
Indicating lamp Lamps	LED white
Colours	red, yellow, green, blue, white via colour filter (included in the delivery)
Connection	Cable H05 6 x 0.75 mm ² , 6 poles
Degree of protection	IP65 (front-side IP66) acc. to IEC/EN 60529

Accessories and spare parts see page 404; **Dimensional drawings** see page 405