



04788E00


- > For panel mounting
- > With integrated LED
 - high luminance
 - low heat built-up
 - prolonged service life
- > Colours: red, yellow, green, blue, white
- > Connection by means of spring clamp terminals or plug-in connection with connection line
 - with connection chamber
 - without connection chamber



WebCode 8013A

	ATEX / IECEx / GOST					
Zone	0	1	2	20	21	22
Ex e / Ex i with connection chamber: For use in		x	x		x	x
Ex e / Ex i without connection chamber: For use in		x	x			

Zone	NEC 505			NEC 506			NEC 500						
	Class I						Class I		Class II		Class III		
	0	1	2	20	21	22	Division	1	2	1	2	1	2
Ex e: For use in		x	x				Ex e: For use in		x				
Ex i: For use in	x	x	x				Ex i: For use in	x	x				

Selection Table						
Version	Description		Order number	Art. no.	PS	Weight kg
 LED indicating lamps Series 8013 with connection chamber	Connection: spring clamp terminal	Ex dem	8013/311-al	129095	11	0.130
		Ex i	8013/321-al	129110	11	0.140
	Connection: plug-in connection and connection line 6 m	Ex dem	8013/313-al-6	214311	11	0.625
		Ex i	8013/323-al-6	214312	11	0.635
 LED indicating lamps Series 8013 without connection chamber	Connection: spring clamp terminal	Ex dem	8013/312-al	129096	11	0.100
		Ex i	8013/322-al	129111	11	0.110
Note	The coloured caps red, yellow, green, blue, white are enclosed in the delivery.					

Technical Data	
Explosion protection	
Global (IECEX)	
Gas and dust	8013/3.1 IECEx PTB 07.0010 X 8013/3.2 IECEx PTB 07.0012 U 8013/3.3 IECEx PTB 07.0010 X
Ex e	8013/311 Ex dem IIC T6 8013/312 Ex dem IIC 8013/313 Ex dem IIC T6
Ex i	8013/321 Ex dm ia IIC T6 8013/322 Ex dm ia IIC 8013/323 Ex dm ia IIC T6
8013/3.1	Ex tD A21 IP65 T80°C
8013/3.3	
Europe (ATEX)	
Gas and dust	8013/3.1 PTB 02 ATEX 2131 X 8013/3.2 PTB 02 ATEX 2130 U
Ex e	8013/311 Ⓜ II 2 G Ex de mb IIC T6 8013/312 Ⓜ II 2 G Ex de mb IIC
Ex i	8013/321 Ⓜ II 2 G Ex d mb ia IIC T6 8013/322 Ⓜ II 2 G Ex d mb ia IIC
8013/3.1	Ⓜ II 2 D Ex tD A21 IP65 T80°C
8013/3.3	
Certificates and approvals	
Certificates	IECEX, ATEX, India (PESO), Canada (CSA), Kazakhstan (GOST-K), Russia (GOST-R), Ukraine (GOST-U), USA (CSA, UL), Belarus (GOST-B)
Rated operational voltage	Ex e 12 (- 10%) ... 254 (+ 6%) V AC / DC Ex i 10.8 ... 28 V DC
Rated operational current	0.014 A at 24 V DC
Colours	red, yellow, green, blue, white, by means of coloured calotte insert caps
Degree of protection	IP65 (frontside IP66)
Connection type	Connection cross-section: 0.75 ... 1.5 mm ²
Cable entry	8013/3.1 M16 x 1,5 (∅ 4 ... 9 mm) 8013/3.2

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