









Indicating Lamp Series 8010

- Explosion protection to
 - CENELEC
 - IEC
- Can be used in Zone 1 and Zone 2
- Low heat build-up
- Very long life
- Maintenance-free
- Available in red, yellow, green, white and blue
- Available forms:
 - Ex de
 - Ex i

STAHL

Series 8010 indicating lamps are based on the use of LEDs. A diffuser pattern incorporated in the lens produces an uniform light field shining outward, making it easy to detect a light signal under bad light conditions.

Zone 1 and Zone 2

Selection table						
Version	Description			Ordering code		Weight [kg]
	Voltage	Schematic	Colour	Type no. (for individual order)	Assembly (code for installation)	
Diode indicating lamp						
 8010	EEx-version 20 V – 15 % ... 254 V + 6 %, 0 ... 60 Hz		red yellow green white blue	8010/2 - 01 - rt 8010/2 - 01 - ws/ge 8010/2 - 01 - gn 8010/2 - 01 - ws/ge 8010/2 - 01 - bl	64 - 2 - 01 - rt 64 - 2 - 01 - ws/ge 64 - 2 - 01 - gn 64 - 2 - 01 - ws/ge 64 - 2 - 01 - bl	0,035 0,035 0,035 0,035 0,035
	EEx i-version $U_i \leq 28$ V $I_i \leq 100$ mA $P_i = 0,7$ W		red white/yellow green blue	8010/3 - 02 - rt 8010/3 - 02 - ws/ge 8010/3 - 02 - gn 8010/3 - 02 - bl	64 - 3 - 02 - rt 64 - 3 - 02 - ws/ge 64 - 3 - 02 - gn 64 - 3 - 02 - bl	0,035 0,035 0,035 0,035
Bezel						
			red yellow green white blue	8010/3 - 02 - rt 8010/3 - 02 - ge 8010/3 - 02 - gn 8010/3 - 02 - ws 8010/3 - 02 - bl	54 - 2 - 01 - rt 54 - 2 - 01 - ws/ge 54 - 2 - 01 - gn 54 - 2 - 01 - ws/ge 54 - 2 - 01 - bl	0,014 0,014 0,014 0,014 0,014
Assembly code for fitting to control equipment 8040						

Technical data

Indicating lamp	EEx e	EEx i
Explosion protection	EEx de IIC	EEx i bd IIC
Test certificate	PTB Nr. Ex-94.C.2080 U Other certificates: BK1 (Hungary), CSA (Canada), UL (USA), SIMTARS (Australia), SEV (Switzerland), FTZU (Czech Republic), VNIIEF (Russia)	
Version	Diode indicating lamp	
Enclosure material	Polyamide	
Rated voltage	20 V – 15 % ... 254 V + 6 %, AC/DC	≥ 11 V
Frequency range	0 ... 60 Hz	
Rated current	max. 15 mA	
Rated power	max. 0,5 W	
Electrical life	10 ⁵ output hours	
Colours	red, yellow, green, white, blue	
Ambient temperature	–20° C ... + 40° C	
Terminals	2,5 mm ² , flexible	
Bezel		
Material	Polyamide	
Version	round, Ø 38 mm; lens and front ring in colours: red, yellow, green, white or blue; Lens with diffusing element for optimum visibility	
Impact strength	≥ 7 Nm	
Degree of protection	IP 65 (IP 66/67 on request)	

Dimensions, all dimensions in mm – subject to alteration

