

Components for BZC Control Stations

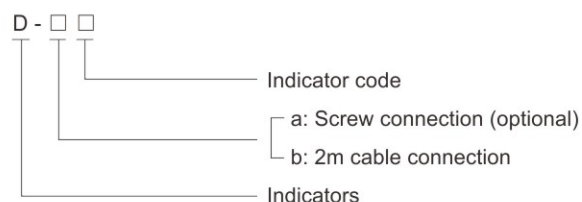
HD Series Indicators



- ◆ Explosion protection to
 - CENELEC
 - IEC
 - NEC
- ◆ Can be used in
 - Zone 1 and Zone 2
 - Zone 21 and Zone 22
 - Class I, Zone 1 and Zone 2
 - Class I, Division 1, Groups A, B, C, D
- ◆ Available in
 - red
 - green
 - yellow
 - blue
 - white
- ◆ Two versions
 - screw connection
 - 2m cable connection

■ Catalogue number logic

HD(D for short)



Technical data

Indicator HD-**

Explosion protection

Global (IECEX)
Gas and dust

IECEX CQM 17.0008U

Ex db IIC Gb

Ex tb IIIC Db IP66

EPT 17 ATEX 2649U

Ex II 2 G Ex db IIC Gb

Ex II 2 D Ex tb IIIC Db IP66

IECEX; ATEX

Certificates

Conformity to standards

EN 60079-0, EN 60079-1, EN 60079-31

IEC 60079-0, IEC 60079-1, IEC 60079-31

Rated voltage

440V AC, 50/60Hz; 220~415V AC, 50/60Hz;

220V DC; 48~120V AC/DC; 12~36V AC/DC

Degree of protection

IP66

Ambient temperature

-60°C~+70°C

Zones 1&2; 21&22

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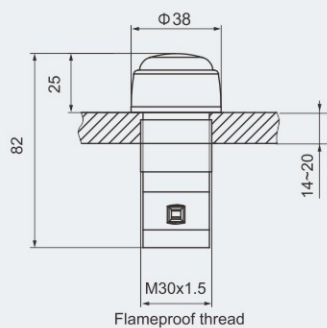
HD Series Indicators

Selection table

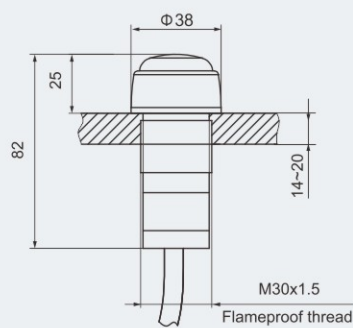
Version	Rated voltage	Schematic diagram	Colour	Code	Ordering code	Weight (kg)
a: Screw connection 	220~415V AC		Red	Ra	40041A	0.10
			Green	Ga	40042A	
			Yellow	Ya	40043A	
			Blue	Ba	40162A	
			White	Wa	40044A	
	220V DC		Red	Rb	40045A	0.10
			Green	Gb	40046A	
			Yellow	Yb	40047A	
			Blue	Bb	40163A	
			White	Wb	40048A	
	48~120V AC/DC		Red	Rc	40049A	0.10
			Green	Gc	40050A	
			Yellow	Yc	40051A	
			Blue	Bc	40164A	
			White	Wc	40052A	
	12~36V AC/DC		Red	Rd	40053A	0.10
			Green	Gd	40054A	
			Yellow	Yd	40055A	
			Blue	Bd	40165A	
			White	Wd	40056A	
b: 2m cable connection 	220~415V AC		Red	Ra	40041B	0.30
			Green	Ga	40042B	
			Yellow	Ya	40043B	
			Blue	Ba	40162B	
			White	Wa	40044B	
	220V DC		Red	Rb	40045B	0.30
			Green	Gb	40046B	
			Yellow	Yb	40047B	
			Blue	Bb	40163B	
			White	Wb	40048B	
	48~120V AC/DC		Red	Rc	40049B	0.30
			Green	Gc	40050B	
			Yellow	Yc	40051B	
			Blue	Bc	40164B	
			White	Wc	40052B	
	12~36V AC/DC		Red	Rd	40053B	0.30
			Green	Gd	40054B	
			Yellow	Yd	40055B	
			Blue	Bd	40165B	
			White	Wd	40056B	



Dimension drawings (all dimensions in mm) - subject to alteration



a: Screw connection



b: 2m cable connection(cable specification: 2x1.5mm²)