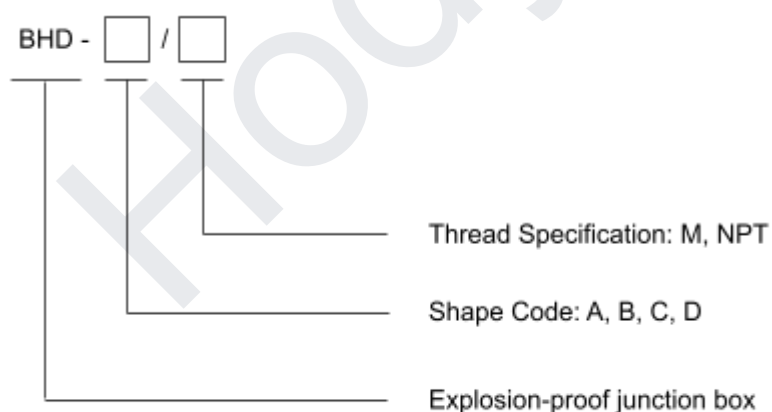




Application Scope:

- Suitable for explosive gas atmospheres in Zone 1 and Zone 2 areas.
- Suitable for explosive gas atmospheres classified as IIA, IIB, and IIC.
- Suitable for combustible dust atmospheres in Zone 21 and Zone 22.
- Suitable for temperature groups from T1 to T6.
- Widely used in oil exploration, refining, chemical, marine oil platforms, and oil tankers, as well as for combustible gas explosive atmospheres. It is also used in military, metallurgical, and other areas for combustible dust.

Model Specification Definition:



Technical Parameters (IIC, tD):

- Standards Complied: GB3836.1, GB3836.2, GB12476.1, GB12476.5, IEC60079-0, IEC60079-1, IEC61241-0, IEC61241-1, EN60079-0, EN60079-1, EN61241-0, EN61241-1
- Explosion-proof Marking: Ex d IIC T6 Gb / Ex tD A21 IP66 T80°C
- Rated Voltage: < 500V
- Rated Current:
 - 2.5mm²: 24A, 12 terminals
 - 4.0mm²: 32A, 10 terminals
 - 6.0mm²: 41A, 8 terminals
- Degree of Protection: IP66, IP67 (optional)
- Wiring Terminals: Internationally famous brands
- Cable Entry Specifications: M25 × 1.5 / M32 × 1.5 (customizable)
- Cable Gland: Suitable for DQM electrical cable glands

Selection Table:

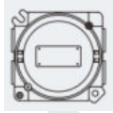
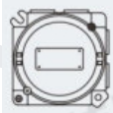
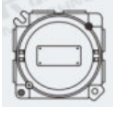
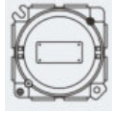
Model / Order Code	Diagram Example	Top	Bottom	Left	Right	Weight (kg)
BHD91-A/M20 × 2.5	A type 	-	-	2 × M □ × 1.5	2 × M □ × 1.5	1.20
BHD91-A/M25 × 1.5						
BHD91-A/M32 × 1.5						
BHD91-B/M20 × 2.5	B type 	2 × M □ × 1.5	-	2 × M □ × 1.5	2 × M □ × 1.5	1.20
BHD91-B/M25 × 1.5						
BHD91-B/M32 × 1.5						
BHD91-C/M20 × 2.5	C type 	2 × M □ × 1.5	-	2 × M □ × 1.5	2 × M □ × 1.5	1.20
BHD91-C/M25 × 1.5						
BHD91-C/M32 × 1.5						
BHD91-D/M20 × 2.5	D type 	2 × M □ × 1.5	2 × M □ × 1.5	2 × M □ × 1.5	2 × M □ × 1.5	1.20
BHD91-D/M25 × 1.5						
BHD91-D/M32 × 1.5						

Diagram of Installation Dimensions Example:

