



Conduit Outlet Bodies

ERB Round Boxes



EXPLOSIONPROOF

For UL.60079-1 Standard Class I,II Div.1 and 2 Groups C,D,E,F and G

For IEC.60079-0/1 Standard Zone 1 and Zone 2



ISO9001:2008

● Technical data

Type of Protection: Ex d IIA T6

Conforming to : Standards IEC 60079-1 or UL 60079-1

Marking for test : Ex II2G

Degree of Protection : IP67 acc.To IEC 60529

Ambient Temp. (Ta) : -20°C to + 55°C

Type :ERB

Protection class for UL. : Class I, Division1 or 2 Group.C,D

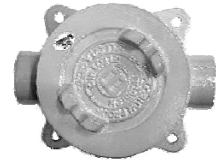
Class II, Division 1 or 2 Groups.E,F,G

Class III

Protection class for IEC : Zone1and Zone 2

Options : Seal NBR rubble IP67 at inner cover for outdoor

Conduit hub - 1/2" - 1" NPT.

**ERBC****ERBL****ERBT****ERBX**

● Applications:

The ERB round boxes are designed for use in the conduit system in hazardous areas to

- provide opening for tap, splice or pull outlet for conductors.
- provide an access to conduit system for maintenance.
- change conduit direction.
- use with threaded rigid steel conduit (RSC) or intermediate metal conduit (IMC).
- use in indoor or outdoor*1 in damp, wet or corrosive locations.

● Features:

- Compact rectangular shape.
- Threaded cover opening provided for easy access.
- Smooth, well-rounded conduit stop in each hub to protect conductor insulation.
- Five different conduit hub arrangements.
- Furnished with mounting lugs.
- Copper-free aluminium construction for corrosion resistant.

● **Standard Materials:**

- Body and cover
- Bolts
- Copper-free aluminium
- Stainless steel

● Standard Finishes:

- Copper-free aluminium
- Epoxy-polyester powder
- Gasket★
- Natural

● **Options :**

- ☆ Seal gasket, add suffix - **G** to Cat.,No.
*1 Seal gasket for raintight fit is optional.

Connection terminals 1.5 - 4Squmm.

- **Standard Finishes:**

- Rated voltage: max.500V.
 - Rated current: max.32A.
- (as per equipment specification)

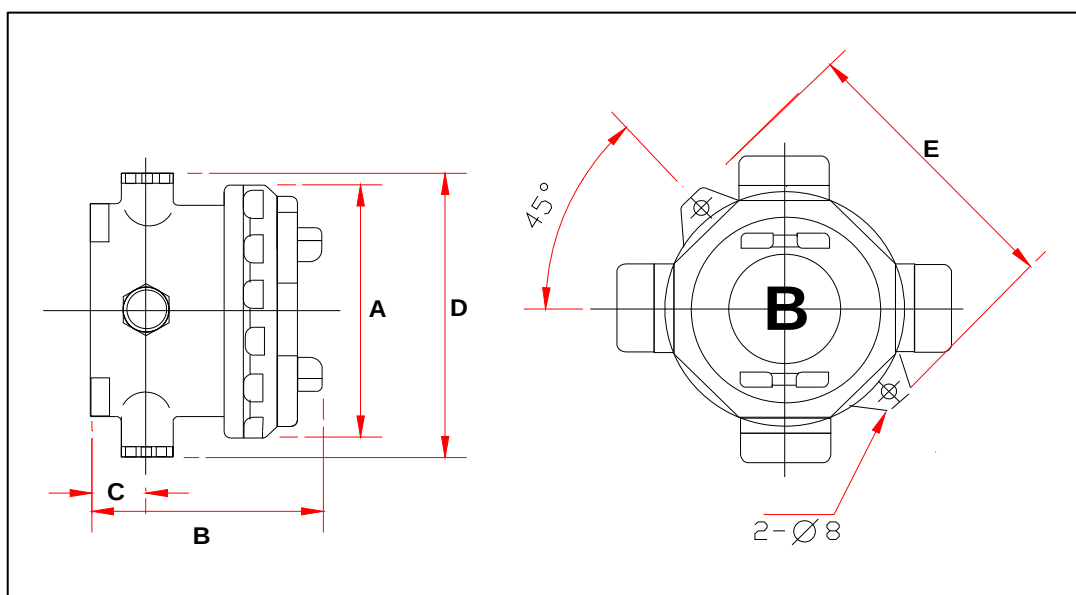


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Hub Size. NPT (inch)	Cat.,No.				Dimension in mm.					Approx. Weight (kgs.)
					A	B	C	D	E	
1/2"	ERBC 1	ERBL 1	ERBT 1	ERBX 1	98	85	21	135	120	0.68
3/4"	ERBC 2	ERBL 2	ERBT 2	ERBX 2	98	85	21	135	120	0.76
1"	ERBC 3	ERBL 3	ERBT 3	ERBX 3	98	85	21	135	120	0.87
M20 x 1.5	ERBC1M	ERBL1M	ERBT1M	ERBX1M	98	85	21	135	120	0.68
M25 x 1.5	ERBC2M	ERBL2M	ERBT2M	ERBX2M	98	85	21	135	120	0.76
M32 x 1.5	ERBC3M	ERBL3M	ERBT3M	ERBX3M	98	85	21	135	120	0.87