

Ex approved threaded line bushing
with Ex e terminal enclosure 3 or 5 pole

General data



- Wide temperature range
- Easy handling
- Ready to use
- Many international approvals
- No re-certification required

Description

Line bushings are used to electrically connect equipment in potentially explosive atmospheres. The connection is always made between a flameproof enclosure (Ex-d) and an enclosure with a different type of protection in accordance with IEC/EN 60079-0.

Our special solution is the LBCON. Here the connection between the Exe enclosure and the cable bushing are combined. The main advantage of this type of connection is that the flameproof enclosure need not be opened. The LBCON can be opened by undoing the Exe enclosure. The connection is made via a 3-pole or 5-pole terminal block. Alternatively our certified shrink system can be used.



Applications

- Ex-d enclosures, Cabinets or Pumps
- Sensors, measurement devices, motors, actuators, pneumatic and hydraulic devices, etc.
- Used on Sea-platforms, Drilling Rigs, rolling mills, gas tanks, climatic chambers, compactors, etc.

Marking

- II 2G Ex eb db IIC T4/T5/T6 Gb
- II 2D Ex tb IIIC T135°/T100°C/T85°C Db IP66
- I M2 Ex db I Mb

Certificates

ATEX
IECEX / mining
EAC TC-RU (GOST)
CSA
FM
UL

Technical Data

Voltage:	max.400V
Current:	max.20A
Conductor size:	max. 2.5mm ²
Temperature range:	-55°C...+115°C <i>(depending on model type)</i>
Max. Conductor quantity:	5 strands <i>(shrink system on request)</i>
Bushing Thread:	M20 (3-pole); M25 (5-pole)
Bushing material:	Brass nickel-plated <i>(other materials on request)</i>
Standard Strand Material:	RADOX 125 <i>(other materials on request)</i>

Special applications on request, please contact us to discuss your requirements.