

# Accessories

## Motor earthing unit

### Motor earthing unit for through hollow shaft, IECEx



#### Features

- Ex-certification by ATEX II 2 G Ex d IIC T4 Gb (gas)
- IEC Ex d IIC T4 Gb (gas)
- EG design test certificate  
TÜV NORD CERT No. TÜV 02 ATEX 1920 X  
IECEx TUN 11.0036X
- Leakage of parasitical shaft currents
- Hollow shaft  $\varnothing 20...42$  mm

#### Part number

EEx ME 12 C Motor earthing unit

#### Description

The motor earthing unit is discharging parasitical shaft currents to avoid damage of the ball bearings.

#### Technical data

Current load	$\leq 1$ A $\leq 12$ A (short-term)
Operating speed	$\leq 9500$ rpm
Ambient temperature	$-55...+60$ °C
Shaft loading	$\leq 150$ N axial $\leq 200$ N radial
Rotor moment of inertia	3.7 kgcm <sup>2</sup>
Operating torque	$\leq 15$ Ncm
Explosion protection	II 2 G Ex d IIC T4 Gb Ex d IIC T4 Gb
Weight approx.	3.5 kg
Protection DIN EN 60529	IP 56
Shaft type	$\varnothing 20...42$ mm (through hollow shaft)
Material	Housing: aluminium
Resistance	IEC 60068-2-6 Vibration 10 g, 50-2000 Hz IEC 60068-2-27 Shock 100 g, 6 ms
Approval	CE

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#### Dimensions

