



MOTOX[®]-N gear motors in conformance with 94/9/EG (ATEX95) guideline

There have been MOTOX[®]-N gear motors, in helical, bevel helical, helical worm or shaft-mounted gear versions, including versions conforming to the 94/9/EG guideline, since 01.01.03.

Gear units and motors, in many different versions and assembly options, are approved for use in zone 1, 2 (gas) and zone 21 and 22 (dust).

Available motor versions

pressure-resistant enclosure,
pressure-resistant enclosure and terminal box with high protection,
high-protection and non-sparking

Motors in the pressure-resistant enclosure version can also be operated with a frequency inverter. Other combinations are available on request.

Ex-atmosphere/Zone		Category	Frequency	
G (Gases and vapours)	0	20	1	Constant or long-term
	1	21	2	Occasional
	2	22	3	Infrequent or short-term
D (Dust)				

MOTOX-N gear motors can be implemented for category 2 and 3

Use in an explosive gas atmosphere is intended for temperature classes T1 to T4.

When using in an explosive dust atmosphere, the max. temperature of 120°C must be taken into consideration for the gear unit.

An oil level sensor can be fitted for monitoring in inaccessible areas.