

**engineering, manufacturing, sales:**

- membrane and industrial keyboards
- enclosures and front panels
- CNC sheet-metal forming
- touchscreen solutions
- system integration

**surface technology:**

- varnishing
- powder coating
- screen, pad and digital printing
- grinding, brushing, blasting
- EMI-/ESD-coating

✓ express service 5 – 10 – 15 working days



## CUSTOMER INFORMATION | KDI00014

Date: 18.01.2011

### „EX zone classification“

GASES, MISTS, VAPOURS		
ZONE	EXPLOSIVE ATMOSPHERE EXISTS...	EXAMPLES
0	constantly or for long periods (>100 h/year)	- inside containers with flammable liquids, above the liquid level  - inside pipelines, armatures and plant sections that are not filled constantly with flammable liquids
1	occasionally (1...100 h/year)	- in the surrounding area of containers, pipelines, armatures and plant sections with flammable liquids and gases, such as in case of leakages in these parts
2	seldom and for a short period (<1 h/year)	- in the wider surroundings of zone 0 and 1, i.e. of containers, pipelines, armatures and plant sections or areas around flange connections with flat gaskets in closed rooms
DUSTS		
10	for a long period or frequently	- inside containers or devices (mills, dryers, blenders, feed pipes etc.), when dust is raised for long periods or frequently
11	occasionally and for a short period	- in the surroundings of dust-containing plants and silos, when dust can escape out of leakages, such as mill rooms

### If you have further questions – please contact us!

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