



- **Field of application Group II**
 - Category 2:** Zone 1 gas; Zone 21 dust
For casual explosive condition
 - Category 3:** Zone 2 gas; Zone 22 dust
For seldom or short explosive condition
- **Occurrence of gas-air mixture**
- **Occurrence of dust-air mixture**
as vapors or spray (Aerosol)
- **Delivery completely mounted, with custom specific encoder type and Ex-approval**

Description

This case do you need in applications with explosive atmosphere as a casual condition or sporadic explosive atmosphere.

This is for the explosion protection class II 2 G/D EEx de IIC T6; PTB 03 ATEX 1051

Group of II, Category 2: Zone 1 gas and Zone 21 dust (casual explosive atmosphere)

Group of II, Category 3: Zone 2 gas and Zone 22 dust (seldom or short explosive atmosphere)

Protection class: IP 65

Temperature range: -20 °C to +40°C.

Max. number of data lines: 14 + power supply

Dimensional drawing

1	Peppers Cable Glands Ltd A2 LF / 20s SW 24
2	Specialflange 45mm center
3	3xM4 8deep SCØ 46 Ø±0,2 (3x 120°)
4	3xM6 12deep SCØ 44 Ø±0,2 (3x 120°)
5	2xM5 SCØ 78 Ø±0,3 (3x 120°)
6	3xM5 9deep SCØ 78 Ø±0,1 (3x 120°)
7	2xM5 SCØ 78 Ø±0,3 (3x 120°)

Mechanically permissible speed ≤ 6.000 min⁻¹
Shaft load, at the shaft end ≤ 40 N axial, ≤ 100 N radial
Bearing life time ≥ 3.68 * 10¹⁰ revolutions at 60 °C
and with half of the maximum values

