

More Precision.

optris® Ctex

optris® CT for the use in hazardous areas



FEATURES

- Cost saving solution by simple concept
- Sensing head as simple electrical device enables installations in hazardous locations without problems
- Energy limitation with appropriate zener barriers (STAHL) with approval for zone 1 (PTB 01 ATEX 2053/ E II (1/2) GD [EEx ia/ib] IIC/IIB)



Concept

- optris® CT sensing heads are defined as simple electrical devices (according to EN 50014)
- no special approval for intrinsic safety necessary
- optris® CT gets intrinsically safe by limitation of the energy with two double zener barriers, type 9002/22-032-300-111 (R. STAHL AG)¹⁾

Scope of supply

- CTLT - Sensor (optics 2:1, 15:1, 22:1) with cable length 3 m, 8 m or 15 m (selectable)
- aluminum housing with mounting appliance for two zener barriers and CT electronics
- 2 zener barriers, type 9002/22-032-300-111 (R. STAHL AG)¹⁾

¹⁾NOTE: The functionality and correct reading of the CT sensor can only be guaranteed, if the recommended barriers are used.

Connection diagram



