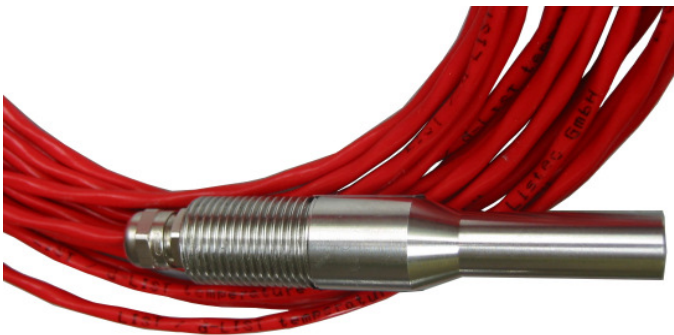


# ESD-ATEX-A4-RL External Temperature Sensor for hazardous areas






The stainless steel casing contains the semiconductor temperature sensor and a fuse to limit the maximum short circuit current. Sensor and connection cable are both glued into the casing, therefore sealing the entire assembly hermetically. The connecting cable has a length of 1m, 2m, 3m, 4m, 5m or 10m. Other lengths are available upon request.

The sensor is measuring the temperature with a resolution of 0.1°. Temperature measuring ranges from -40°C to +120°C.

Due to the continuous temperature interrogation by the sensor control unit, a permanent function check of all sensors is periodically (max. 10 sec) performed.

## Specification:

<p><b>Dimensions:</b> Lenght: 100 mm Φ 14 mm Outer thread: M 20 x 1,5 Inner thread: M12 x 1,5</p>	<p><b>Protection Class:</b> IP 66/ 85°C</p>	
<p><b>Material:</b> Sensor enclosure: stainless steel, A4 quality ( AISI 316) Cable sheath: FEP-isolated</p>	<p><b>Ordering information:</b> ESD-ATEX-A4-RL-01 ESD-ATEX-A4-RL-02 ESD-ATEX-A4-RL-03 ESD-ATEX-A4-RL-04 ESD-ATEX-A4-RL-05 ESD-ATEX-A4-RL-010</p> <p>Item no: G00507 Item no: G00508 Item no: G00509 Item no: G00510 Item no: G00511 Item no: G00512</p>	
<p><b>Approvals:</b>   II 1 / 2 G Ex d II C T6   II 1 / 2 d Ex tD A 20/21   I M2 Ex d I          Operating temperature: -10°C ... +40°C</p>		