



File  
 LR 1322

**CERTIFICATE OF COMPLIANCE**  
**(ISO TYPE 3 CERTIFICATION SYSTEM)**

Issued to	KROHNE Messtechnik GmbH
Address	Ludwig-Krohne-Strasse 5 47058 Duisburg, Germany
Project Number	LR1322-6
Product	Loop powered local display/control unit
Model Number	SMARTMAC 200W
Ratings	<u>Supply/ Output:</u> 4 - 20mA with Hart communication, terminals F,G,H: U <sub>i</sub> = 30 V, I <sub>i</sub> = 120 mA, P <sub>i</sub> = 1 W, C <sub>i</sub> = 45 nF, L <sub>i</sub> ≈ 0 μH  <u>Sensor:</u> Terminals S,A,B: U <sub>o</sub> = 30 V; I <sub>o</sub> = 120 mA; P <sub>o</sub> = 1 W
markings	Class I, Division 1, Group A, B, C, D, T4 Class I, Zone 1, AEx ia IIC T4 Gb Ex ia IIC T4 Gb Ta= -40 °C to + 55 °C
Applicable Standards	CAN/CSA C22.2 No. 60079-0: 2015, CAN/CSA C22.2 No. 60079-11: 2014, CAN/CSA C22.2 No. 61010-1-12  ANSI/UL 60079-0, 6th edition: 2013, ANSI/UL 60079-11, 6th edition: 2013, UL 61010-1, 3rd edition
Factory/Manufacturing Location	Same as above

**Statement of Compliance:** The product(s) identified in this Certificate and described in the Report covered under the above referenced project number have been investigated and found to be in compliance with the relevant requirements of the above referenced standard(s). As such, they are eligible to bear the QPS Certification Mark shown below, in accordance with the provisions of QPS's Service Agreement.



Issued By: Dave Adams, P.Eng.

Signature:

Date: March 14, 2017