## CE



26.06.97 Date of issue

Subject to reasonable modifications due to technical advances

LED yellow

switching output C4

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Technical data	
Approvals / Certifications	PTB-Nr. Ex-92.C.2079 X
<b>Power supply</b> Nominal voltage Power consumption	Connections d/z 2(L+), d/z 4(L-) DC 24 V $\pm$ 30% ca. 6 W
Input Input signal	Connections d/z 30+, d/z 32- PLM (intrinsically safe)
Certificate of Conformity Peak Values Voltage U Current I	16.5 V 85 mA
Allowable circuit values Ignition protection class, category Explosion group max. external capacitance max. external inductance	<b>[EEx ia]</b> IIC IIC IIB IIB 110 nF 150 nF 382 nF 711 nF 1 mH 0.5 mH 5 mH 1 mH
Analogue output / A.Out Current signal Load Resolution	Connections d30+, d32- without output signal / 0 20 / 4 20 mA, programmable, potseparated, max 20.5 mA 700 $\Omega$ 80 $\mu A$
Switching outputs / C1 C4 max. switching voltage max. switching current max. breaking capacity Permanent limiting current min. isolation voltage	Potential free changeovers Connections: C1 (d10, d12, d14); C2 (d16, d18, d20); C3 ( z10, z12, z14); C4 (z16, z18, z20) DC / AC 35 V 0.5 A 15 W / VA 0.5 A 500 V
Indicators Power supply Switching outputs / C1C4 Switching output / Error Measured variable	LED, green LED, yellow LED, red 2-row alphanumerical LC-display
Calibration	via keyboard (see operating manual)
Switching output / Error	Closed circuit current principle: opens with faults, connections d22, z22
Mechanics Connection Weight	2x plug rail DIN 41 612 design F (solder connection) 32- pins (d,z) supplied with device ca. 1500 g
Protection class acc. to DIN 40 050	IP 20
Plug facilitys Temperature	0 °C + 50 °C (273 K 323 K)
Accessories HR-916502 HR-916501	Power pack AC 230 V / DC 24 V Mounting kit for panel mounting

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