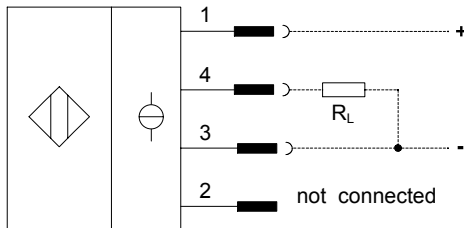


Series Q60

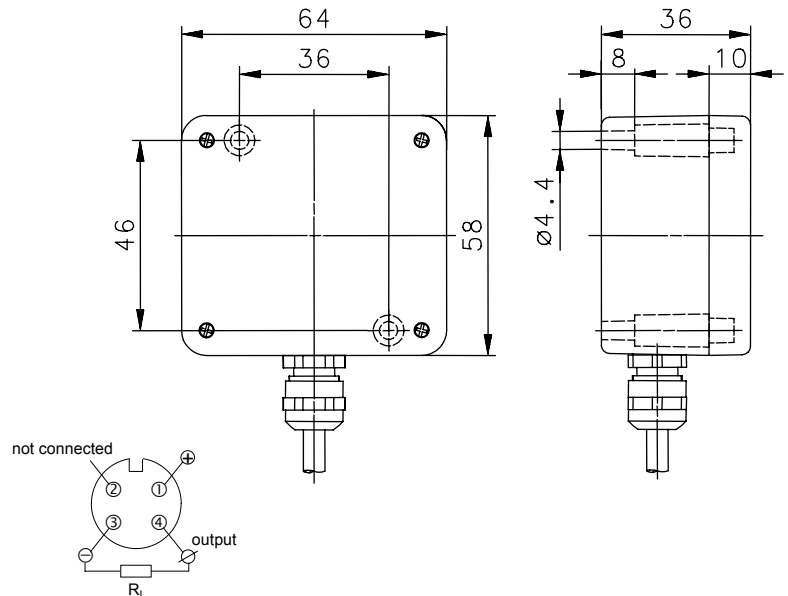
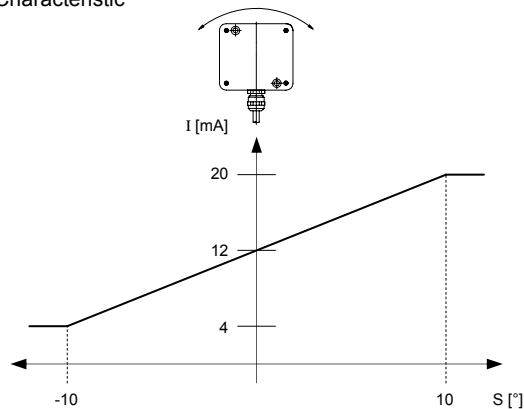
Description **KAW-Q60IA/020-0,2S12**

Article number **6705099002**

Wiring Diagram



Characteristic



Identifying characteristics

Electrical data

| | | |
|---------------------------|-------|--|
| Working range | S | $\pm 10^\circ$ (other working ranges upon request) |
| Mounting | | vertical, cable down |
| Current output | I | 4 ... 20 mA |
| Resolution | | $\leq 0,3^\circ$ |
| Repeat accuracy | R | $\leq 0,3^\circ$ |
| Non-linearity | | $\leq 1,5^\circ$ |
| Temperature drift | | $\leq 1,5^\circ$ (-40 °C ... +80 °C) |
| Load impedance | R_L | 0 ... 250 Ω , @ $U_B = 12$ V; 0 ... 500 Ω , @ $U_B = 24$ V |
| Filter time | t | 500 ms |
| Operational voltage range | U_B | 10 - 53 VDC |
| No-load supply current | I_o | ≤ 15 mA |
| False polarity protection | | yes |

Electromagnetic compatibility (EMC)

| | | |
|---|---------------|---|
| Electromagnetic field test | IEC 61000-4-3 | 10 V/m |
| Electrostatic discharge test | IEC 61000-4-2 | 4 kV |
| Electrical fast transient immunity test (Burst) | IEC 61000-4-4 | 2 kV, coupling clamp |
| Impulse voltage withstand ability (Surge) | IEC 61000-4-5 | 1000 V, 1,2/50 μ s @ $R_i = 42$ Ohm |
| Radiated disturbance field strength | EN 55011 | ≤ 40 dB (μ V/m) |

Mechanical Data

| | |
|-------------------------|--|
| Enclosure | 58 x 64 x 36 mm; Aluminium, coated |
| Weight | ≈ 230 g |
| Ambient air temperature | -40 °C ... +80 °C (cable fixed mounted; $U_B = 24$ V) |
| Type of protection | IP67 (NEMA 4; only in fully locked position with its plugs) |
| Termination type | Cable 3 x 0,34mm ² x 0,2m $\pm 5\%$; with plug connector M12x1 |
| Shock | 10-55 Hz; a = 1 mm |
| Vibration | 30 g; $t_{stoss} = 11$ ms |

EU Conformity



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