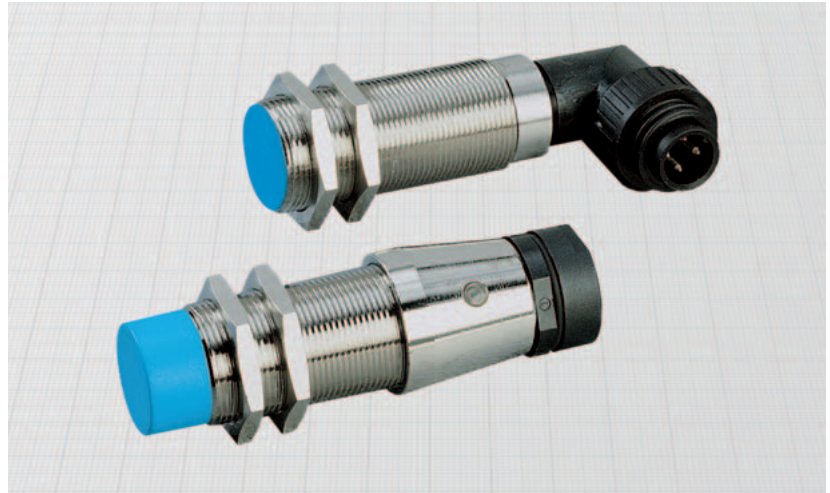
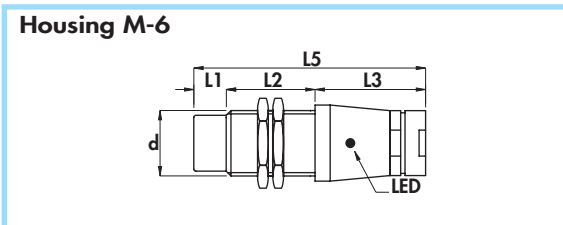
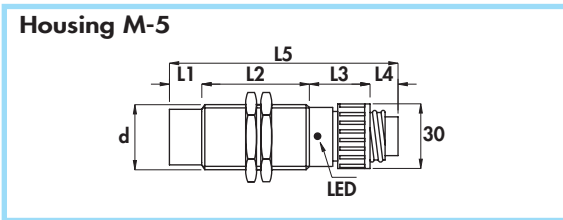
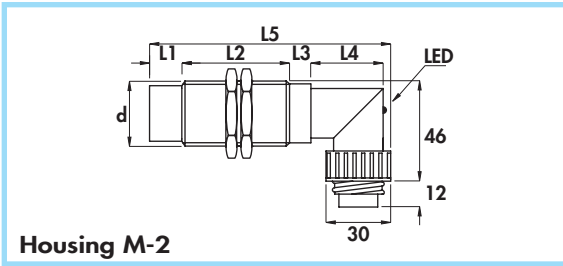


CYLINDRICAL INDUCTIVE SENSORS IN METAL HOUSING

- Diameter 30 mm
- Amplified in d.c.
- Connector output C1 - C2



| | | |
|--------------------------|--------------|------|
| Diameter | M30 x 1,5 | |
| Nut | Size | SW36 |
| | Thickness mm | 5 |
| Max tightening torque Nm | 80 | |

Materials:

- Housing: nickel plated brass
- Sensing face and socket connector: plastic

Technical data:

- Supply voltage (U_b): 7 ÷ 60 Vdc
- Max ripple: 10%
- No-load supply current (I_o): ≤ 10 mA
- Voltage drop (U_d): ≤ 2,2 V
- Temperature range: -25° ÷ +75°C
- Max thermal drift of sensing distance S_T : ± 10%
- Repeat accuracy (R): 2%
- Switching hysteresis (H): 10%
- Degree of protection: IP65
- Switch status indicator: yellow LED
- Protected against short-circuit and overload
- Protected against any wrong connection
- Suppression of initial false impulse
- Electromagnetic compatibility (EMC) according to EN60947-5-2
- Shock and vibration resistance according to EN60068-2-27 EN60068-2-6

| Housing | Flush mounting Non flush mounting | L1 | L2 | L3 | L4 | L5 | Female connector | Body diameter (d) | Max switching frequency (f) | No-load supply current (I _o) | Nominal sensing distance (S _T) ±10% | ORDERING REFERENCES | | |
|---------|--------------------------------------|----|----|----|----|-----|------------------|-------------------|-----------------------------|--|---|--|---------------------|---------------------|
| | | mm | mm | mm | mm | mm | | | | | | n° | mm | KHz |
| M-2 | • | - | 65 | 10 | 40 | 115 | 1 | M30 x 1,5 | 0,8 | 400 | 10 | | | |
| M-5 | • | - | 65 | 28 | 13 | 106 | 1 | M30 x 1,5 | 0,8 | 400 | 10 | DCA30/4209KS | DCA30/4219KS | |
| M-2 | • | 15 | 50 | 10 | 40 | 115 | 1 | M30 x 1,5 | 0,4 | 400 | 15 | DCA30/4409KS | DCA30/4419KS | |
| M-5 | • | 15 | 50 | 28 | 13 | 106 | 1 | M30 x 1,5 | 0,4 | 400 | 15 | DCA30/5209KS | DCA30/5219KS | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | NPN (negative switching) | | |
| | | | | | | | | | | | | Use the above mentioned part number changing the last number 9 with 8 (ie DCA30/4208KS) | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| M-6 | • | - | 56 | 51 | - | 107 | 2 | M30 x 1,5 | 0,8 | 400 | 10 | DCA30/4E09KS | DCA30/4E19KS | DCA30/4E29KS |
| M-6 | • | 15 | 41 | 51 | - | 107 | 2 | M30 x 1,5 | 0,4 | 400 | 15 | DCA30/5E09KS | DCA30/5E19KS | DCA30/5E29KS |
| | | | | | | | | | | | | NPN (negative switching) | | |
| | | | | | | | | | | | | Use the above mentioned part number changing the last number 9 with 8 (ie. DCA30/4E08KS) | | |
| | | | | | | | | | | | | | | |