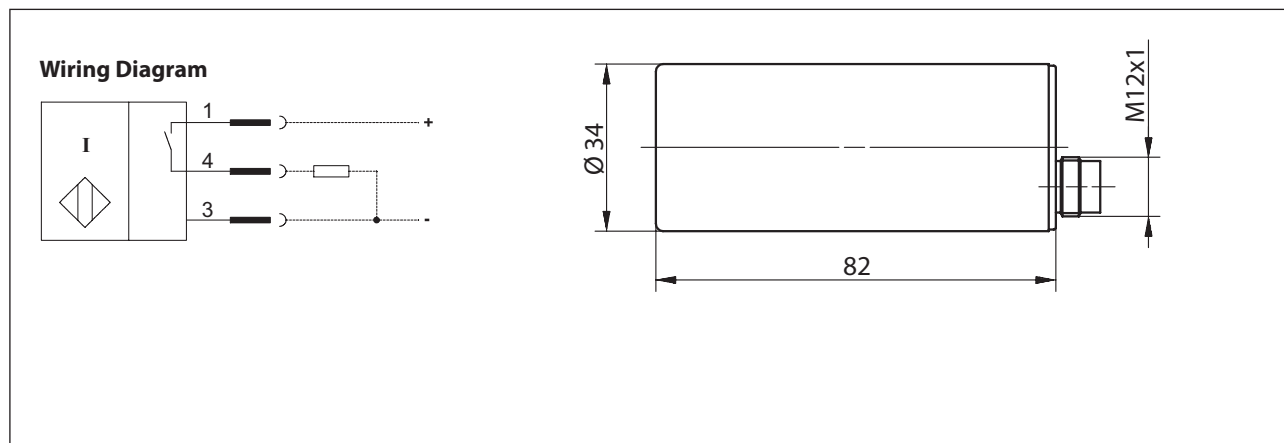


Inductive Proximity Switch Series M30

Description **KIN-R34PS/020-KS12**

Article number **6502915004**



Identifying characteristics in accordance with EN 60947-5-2

| Electrical data | | |
|----------------------------------|-----------|--|
| Rated operating distance | S_n | 20 mm |
| Assured operating distance | S_a | 0 ... 16,2 mm |
| Switching element function | | DC, N.O. |
| Repeat accuracy | R | ≤ 5 % |
| Differential travel (hysteresis) | H | ≈ 10 % |
| Operational voltage range | U_B | 10 - 60 V DC |
| Rated insulation voltage | U_i | 75 V DC |
| Rated impulse withstand voltage | U_{imp} | 500 V |
| Voltage drop | U_d | ≤ 2,5 V |
| Utilization category | | DC 13 at $I_e = 50$ mA und $U_e = 33$ V DC |
| Rated operational current | I_e | 200 mA |
| Off-state current | I_r | < 0,1 mA |
| No-load supply current | I_o | < 8 mA |
| Switching element | | Permanent overload and s.c.p. |
| Short-circuit protection | | pulsed |
| Frequency of operating cycles | f | 100 Hz |
| Mounting | | non flush |
| False polarity protection | | yes |
| Time delay before availability | t_v | < 50 ms |

| Mechanical Data | |
|-------------------------|--|
| Enclosure | PBT, red |
| Ambient air temperature | -25 °C ... +70 °C |
| Type of protection | IP67 (only in fully locked position with it's plugs) |
| Termination type | Plug socket |

| EU Conformity | |
|----------------------|--|
| | acc. to directive 2014/30/EU (EMC-Directive) |