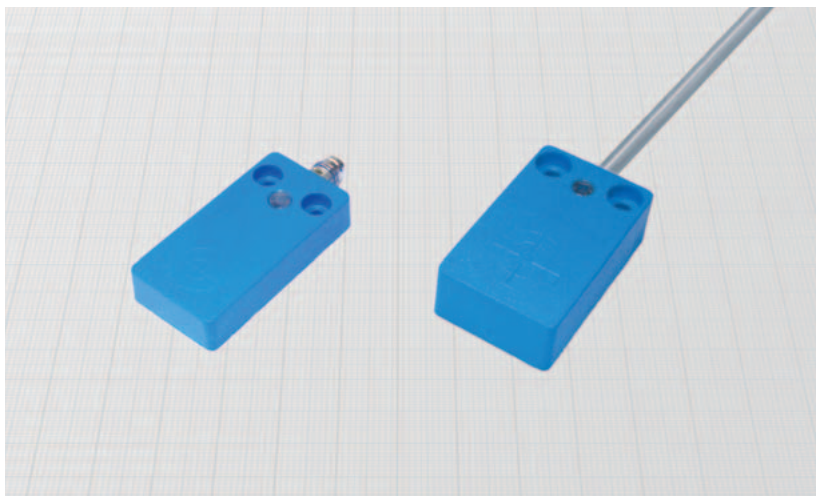
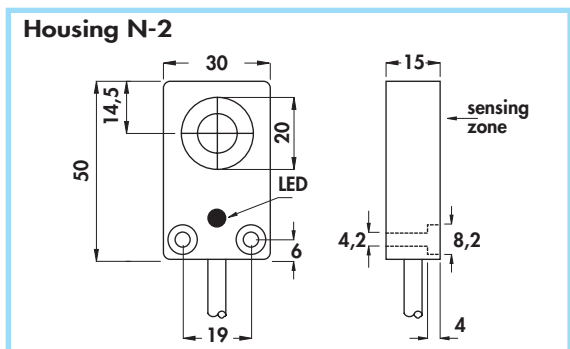
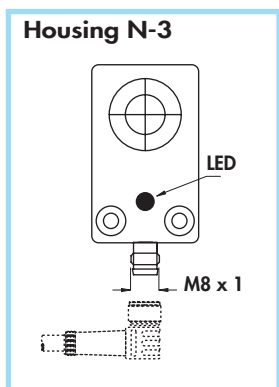
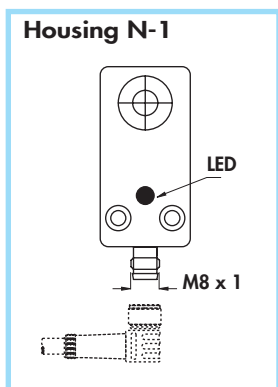
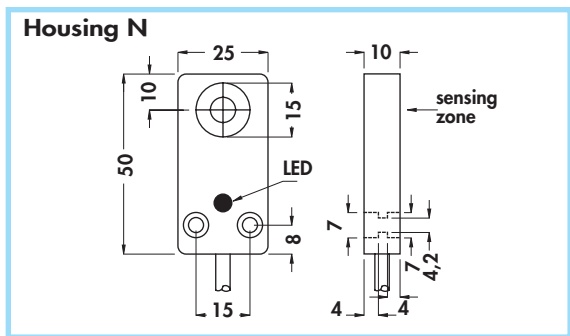


# RECTANGULAR INDUCTIVE SENSORS

- Type X and Y
- Amplified in d.c. 3 and 4 wires
- Cable and connector output M8 x 1



### Technical data:

- Supply voltage ( $U_b$ ):  $5 \div 60$  Vdc
- Max ripple: 10%
- No-load supply current ( $I_0$ ):  $\leq 10$  mA
- Voltage drop ( $U_d$ ):  $\leq 2,2$  V
- Temperature range:  $-25^\circ \div +75^\circ$  C
- Max thermal drift of sensing distance  $S_r$ :  $\pm 10\%$
- Repeat accuracy (R): 2%
- Switching hysteresis (H): 10%
- Degree of protection: IP67
- Switch status indicator: yellow LED
- Cable conductor cross section (cable version):  $0,50$  mm<sup>2</sup>
- 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

### Materials:

- Cable: 2 m PVC CEI 20 - 22 II; 90°C; 300 V; O.R.
- Housing: plastic
- Connector: nickel plated brass

Housing	Flush mounting Non flush mounting	Cable diameter mm	Female connector n°	Sensing zone diameter mm	Max switching frequency kHz	Rated operational current ( $I_e$ ) mA	Nominal sensing distance ( $S_n$ ) $\pm 10\%$ mm	ORDERING REFERENCES		
								PNP (positive switching)		
								NO	NC	NO + NC
N	•	5	-	15	1	400	5	DCAX/4609KS	DCAX/4619KS	DCAX/4629KS
N	•	5	-	15	1	400	8	DCAX/5609KS	DCAX/5619KS	DCAX/5629KS
N-1	•	-	11-12	15	1	400	5	DCAX/4909KS	DCAX/4919KS	DCAX/4929KS
N-1	•	-	11-12	15	1	400	8	DCAX/5909KS	DCAX/5919KS	DCAX/5929KS
N-2	•	5	-	23	0,8	400	10	DCAY/4609KS	DCAY/4619KS	DCAY/4629KS
N-2	•	5	-	23	0,4	400	15	DCAY/5609KS	DCAY/5619KS	DCAY/5629KS
N-3	•	-	11-12	23	0,8	400	10	DCAY/4909KS	DCAY/4919KS	DCAY/4929KS
N-3	•	-	11-12	23	0,4	400	15	DCAY/5909KS	DCAY/5919KS	DCAY/5929KS

### NPN (negative switching)

Use the above mentioned part number changing the last number 9 with 8 (ie. DCAX/4608KS)

