

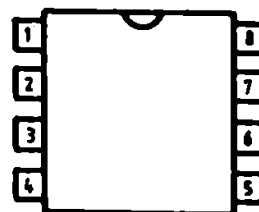
**TCA 105N  
INDUCTIVE PROXIMITY SENSOR**

The TCA 105N usually uses a simple external LC circuit with oscillating amplitude may be altered by the presence of a ferro-magnetical metal. The integrated sensor signals this event by switching two complementary open collector outputs.

**Features**

- Operating temperature .....	0 ...	+70 °C
- Storage temperature .....	-25 ...	+125 °C
- Supply voltage .....	4.5 ...	20 V
- Supply current .....	max.	5 mA
- Low level output voltage at 50 mA .....	typ.	0.7 V
- Residual output current at 20 V .....	max.	60 µA
- Switching time .....	typ.	3 µs

- 1. GND
- 2. Base input
- 3. Emitter input
- 4. Collector input
- 5. Filter
- 6. Output 1
- 7. Output 2
- 8. V+



PACKAGE MP-48 / TOP VIEW