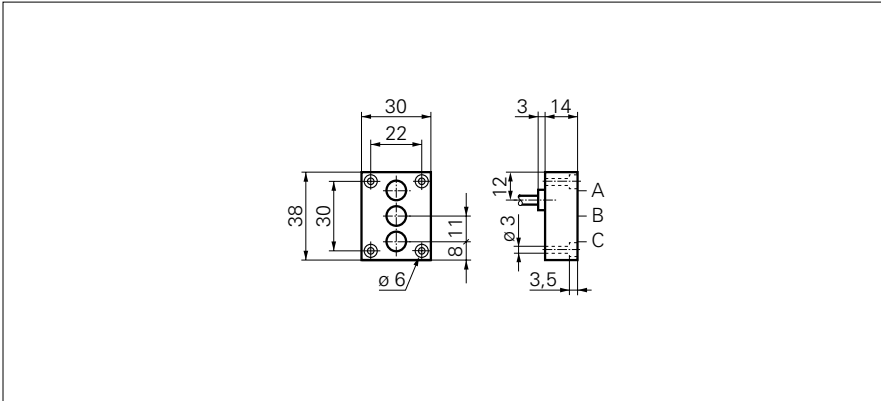


**Inductive sensors special versions**

**ILFK**

**sample drawing**



**general data**

special type inductive code reader

**electrical data**

switching frequency < 2 kHz  
 voltage supply range +Vs 10 ... 30 VDC  
 output circuit PNP make function (NO)  
 voltage drop Vd < 2 VDC  
 output current < 200 mA  
 short circuit protection yes  
 reverse polarity protection yes

**mechanical data**

type rectangular  
 material (sensing face) PA 6  
 housing material PA 6  
 dimension 30 mm  
 connection types cable, 2 m

**ambient conditions**

operating temperature 0 ... +60 °C  
 protection class IP 67

**sample picture**



order reference	nominal sensing distance Sn	mounting type	housing length	hysteresis	current consumption max. (no load)
ILFK 12P1101/I03	4 mm	non-flush	38 mm	1 ... 20 % of Sr	10 mA
ILFK 12P1101/I06	4 mm	non-flush	79 mm	1 ... 20 % of Sr	20 mA
ILFK 12P1501/I03	2 mm	flush	38 mm	1 ... 20 % of Sr	10 mA
ILFK 12P1501/I06	2 mm	flush	79 mm	0,6 ... 20 % of Sr	20 mA