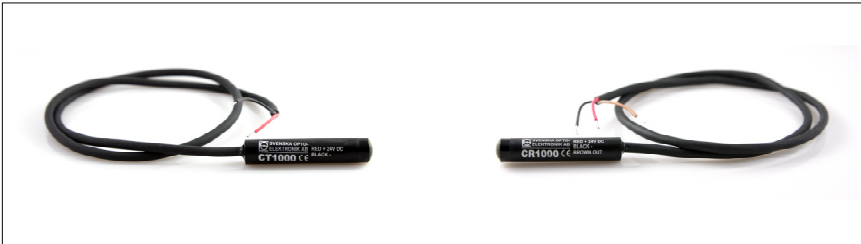


transmitter and receiver

CT1000/CR1000

photo



general data

type	infrared sensor
emitter / receiver	both
actual range	12 m
contact indication	LED red

electrical data

response time/ release time	5 ms
voltage supply +Vs	24 VDC + - 10%
current consumption CR	15 mA
current consumption CT	10 mA
modulation frequency	400 Hz
short circuit protection	yes
reverse polarity protection	yes

mechanical data

diameter	10 mm
length	50 mm
type	cylindric
housing material	polycarbonate
cable length	5, 10 or 15 m

ambient conditions

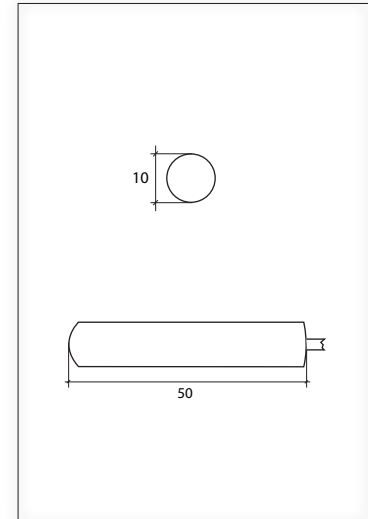
operating temperature	-40...+85 °C
protection class	IP67

additional information

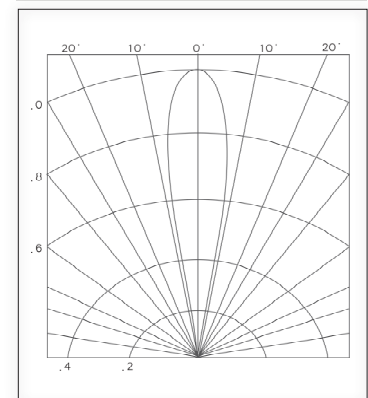
CR1000 is a complete amplify and filtering receiver
the receiver contains a voltageregulator

Alternatively the receiver can be made:
SOURCE (PNP) max 200 mA at supply voltage light or dark coupled or
SINK (NPN) max 200 mA at max 30 V light or dark coupled

dimension drawing



angular displacement



connection diagram

