

# BRAINBOX FUN COMPONENTEN

## SENSOREN

| sensor              | type     | leverancier | code       | Prijs exbtw | OK? |
|---------------------|----------|-------------|------------|-------------|-----|
| LDR                 | VT90N1   | Farnell     | 2293503    | 0.65        |     |
| PT1000              | DM-507   | Farnell     | 7745655    | 4.68        |     |
| IR Emitter          | TSAL5100 | Farnell     | 1469615    | 0.37        |     |
| Potmeter 10K        |          | Conrad      | 358-131-20 |             |     |
| LM35DT temp sens    | LM35DT   | Farnell     | 1469235    | 2.76        |     |
| Eindeloopschakelaar |          | Farnell     | 7771622    | 1.55        |     |
| GP2D12 afstand      |          |             |            |             |     |

## ACTUATOREN

| Actuator             | type   | leverancier | code        | Prijs exbtw | OK? |
|----------------------|--------|-------------|-------------|-------------|-----|
| IR fototransistor    | BPV11F | Farnell     | 1045379     | 0.82        |     |
| Servomotor           |        | Conrad      | 209089-89   | 6.00€       |     |
| Led blue 5mm         |        | Farnell     | 1648981     | 0.192       |     |
| RGB led              |        | Farnell     | 2290374     | 1.07        |     |
| DC motor 500mA max   |        |             |             |             |     |
| Perslucht valve      |        |             |             |             |     |
| Solenoid             |        | Farnell     | 2008790     | 6.76        |     |
| Stappenmotor         |        | Conrad      | 198621 - 89 | 22.00       |     |
| Relais 5V – 10A      |        | Farnell     | 1891661     | 0.72        |     |
| Mosfet RFP12N10L     |        | Farnell     | 1017795     | 1.01        |     |
| Vermogenweerstand    |        | Farnell     | 1738667     | 0.133       |     |
| Industriële sensoren |        |             |             |             |     |

## LOS MATERIAAL

| onderdeel             | waarde |                   | Farnell | Prijs excl btw | OK? |
|-----------------------|--------|-------------------|---------|----------------|-----|
| weerstand             | 100R   | Bruin-zwart-bruin | 1700223 | 0.013          |     |
| weerstand             | 120R   | Bruin-rood-Bruin  | 1700225 | 0.013          |     |
| weerstand             | 180R   | Bruin-Grijs-Bruin | 1700227 | 0.013          |     |
| weerstand             | 220R   | Rood-Rood-Bruin   | 1700228 | 0.013          |     |
| weerstand             | 390R   | Oranje-Wit-Bruin  | 1700231 | 0.013          |     |
| weerstand             | 4K7    | Geel-Violet-Rood  | 1700245 | 0.013          |     |
| weerstand             | 8K2    | Grijs-Rood-Rood   | 1700249 | 0.013          |     |
| weerstand             | 39K    | Oranje-wit-oranje | 1700258 | 0.013          |     |
| RC Tamiya wagen       |        |                   |         |                |     |
| CD speler voor sloop  |        |                   |         |                |     |
| Multimeters           |        |                   |         |                |     |
| Voedingsadaptors      |        |                   |         |                |     |
| Laptops               |        |                   |         |                |     |
| BB Fun                |        |                   |         |                |     |
| LCD E-blocks          |        |                   |         |                |     |
| LED E-blocks          |        |                   |         |                |     |
| Lasermodules          |        |                   |         |                |     |
| PICKIT2               |        |                   |         |                |     |
| Soldeerbouten/soldeur |        |                   |         |                |     |
| draadjes              |        |                   |         |                |     |