Robonova-1 Tilt Sensor

1. Connection

```
ad0 - robobasic-> aD(0)
ad1 - robobasic-> aD(1)
ad2 - robobasic-> aD(2)
...
```

yellow | red | brown               ->      Tilt Sensor
signal     +       -                   ->      3024 Controller AD Port

2. Value

```
DIM x AS BYTE            213                     <-->                       0
DIM x AS INTEGER       855                     <-->                       0
```

3. Mount/Installation

Code Example:

```
........
robot_tilt:
A = AD(0)
IF A > 250 THEN RETURN
IF A < 30 THEN GOTO tilt_low
IF A > 200 THEN GOTO tilt_high
RETURN

tilt_low:
A = AD(0)
'IF A < 30 THEN GOTO forward_standup
IF A < 30 THEN GOTO backward_standup
RETURN

tilt_high:
A = AD(0)
'IF A > 200 THEN GOTO backward_standup
IF A > 200 THEN GOTO forward_standup
RETURN
........
```

For more information: www.robonova.de

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