

# Double Paper Sheet Detector

## Preliminary Datasheet



Accent is introducing Double paper sheet detector, which helps to distinguish between double, single and no sheet of different kinds of papers, in order to avoid wastage of production.

### Features:

- **Compact housing.**
- **Easy Teach-in.**
- **Immune to fluttering of paper.**
- **Color Independent.**
- **Paper range:35GSM-400GSM.**
- **Three outputs for Single, Double & No paper conditions.**

### Technical Data:

<b>Installation Distance:</b>	
Transmitter-Receiver	12mm $\pm$ 2mm
Permissible Angle Deviation	$\pm 10^\circ$
<b>Operational Area:</b>	
Paper Thickness	30GSM-400GSM
<b>Power Supply:</b>	
Input Voltage	12-30V DC
Ripple	$\pm 10\%$
Current consumption	$\leq 150\text{mA}$
<b>Outputs:</b>	
Single Paper	PNP, 100mA
Double Paper	PNP, 100mA
No Paper	PNP, 100mA
Drop across switch	$\leq 2\text{V}$
Switching Frequency	1200 Hz
<b>Housing:</b>	
IP Rating	IP67
Material	Nickel-plated brass
<b>Ambient Temperature:</b>	
Operational	0-65 $^\circ\text{C}$
Storage	0-80 $^\circ\text{C}$

