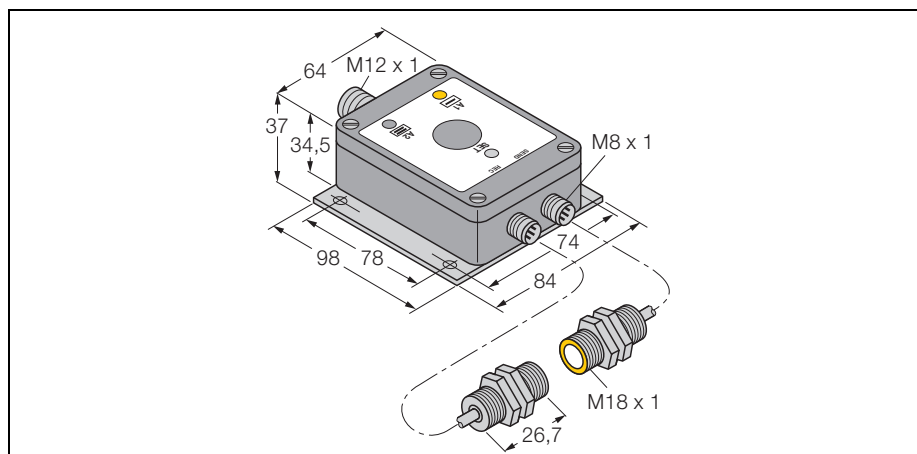
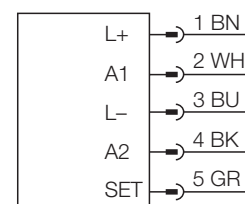


## ultrasonic sensor double sheet control DU6-2AP8X2-H1151



- secure detection of single or multi-layer paper, plastic or metal foils
- measuring capacity from 20 g paper to 1100 g cardboard
- manual or automatic operation selectable via DIP switch
- angular range between sensor and sheet adjustable via DIP switch
- ultrasonic sensors in M18 housings
- short-circuit proof electronic outputs (pnp)
- controller connection via M12 connector
- sensor connection via M8 connector

### Wiring diagram



The dual or multi-sheet control consists of a processor and two sensors (receiver and emitter). They are mainly used for monitoring paper, plastic or metal foil feeding systems. Each sheet is compared to a stored reference value and dual or multiple sheets are indicated accordingly.

<b>Type</b>	DU6-2AP8X2-H1151
Ident-No.	1820400
<b>Max. sensing range [cm]</b>	2... 6 cm
Operating mode	Ultrasonic sensors with discrete output
Operating temperature	0 ...+ 60 °C
<b>Rated operational voltage (DC) <math>U_B</math></b>	18... 30 VDC
Rated operational current (DC) $I_e$	≤ 200 mA
No-load current $I_0$	≤ 75 mA
Output function	2x normally open, PNP
Short-circuit protection	yes, cyclic
Reverse polarity protection	complete
Switching frequency	≤ 100 Hz
Max. voltage drop at $I_e$	≤ 3 V
Wire breakage protection	yes
<b>Housing style</b>	cylindrical/thread
Housing material	metal, CuZn, nickel-plated
Wiring	connector
Degree of protection	IP65
<b>Supply voltage indication</b>	LED green
Switching status indication	LED yellow
Alarm indication	LED red