

SPLITTER

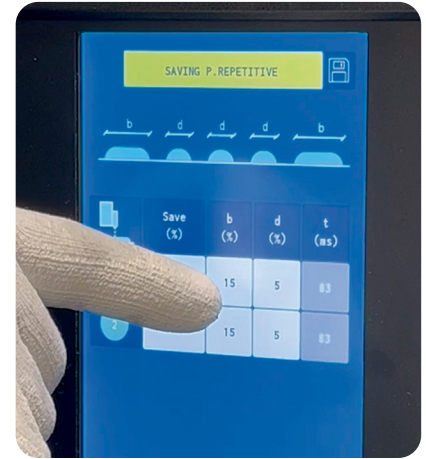
BY MELER

Pattern generator for adhesive saving

HOW MUCH ADHESIVE DO YOU WANT TO SAVE?

Splitter is a pattern generator that creates intermittent signals for adhesive application. This allows us to apply adhesive in dots, **reducing glue consumption**.

The savings percentage can be easily programmed from the touchscreen panel integrated in the **MICRON+** series.



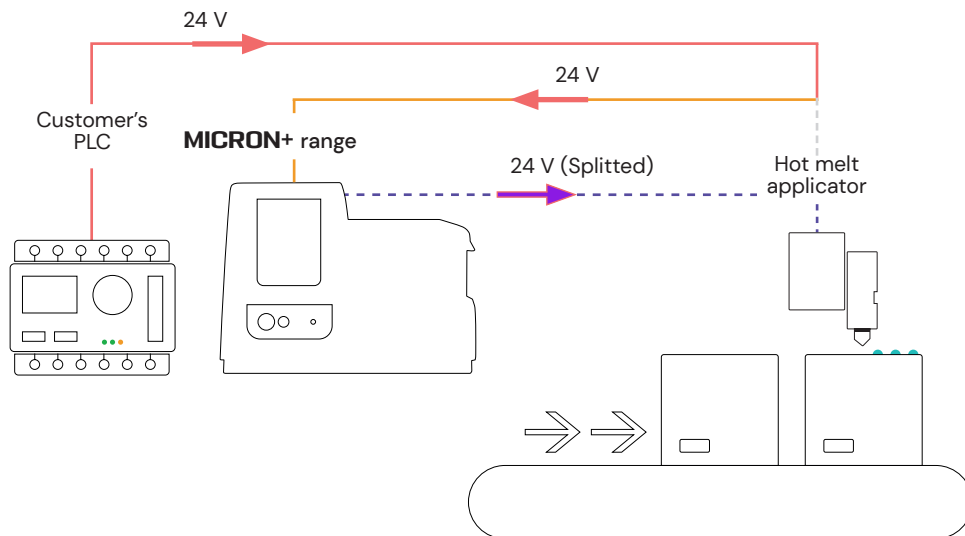
b=bead / d=dots.

User-selectable percentage adhesive savings

Automatic pattern calculation based on product variations

Two operating modes: repetitive or variable product

Available as an integrated option in the **MICRON+ ECO** and the **MICRON+ Piston** pump range



Installation scheme

ADVANTAGES

Increases savings by converting a continuous bead into a dotted pattern

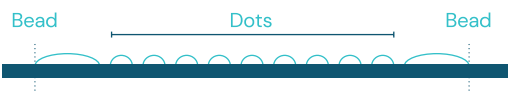
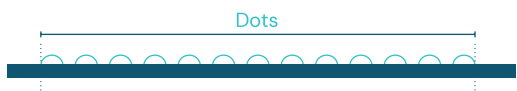
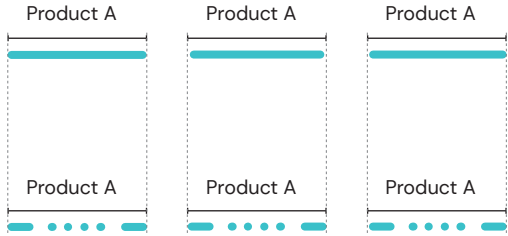
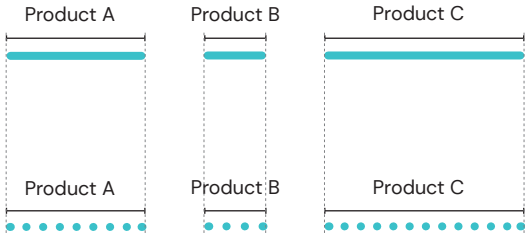
Intuitive adhesive-saving system

User flexibility and autonomy

Easy integration into the customer's production line, with no modifications required to the PLC

WHAT IS YOUR PRODUCTION LINE LIKE?

Splitter adapts to your way of working and offers two operating modes.

	REPETITIVE MODE	VARIABLE MODE
Operating modes	The same type of product is always manufactured, and its dimensions do not vary. 	Several types of products are manufactured, and their dimensions vary. 
Editable parameter	% of savings	% of savings and dot size
Pattern	Bead / Dots / Bead	Dots (total bead length)
Electrovalve behavior	The electrovalve must always perform the same trigger. If there are signal variations, SPLITTER calculates and adjusts in real time the application length to achieve the set adhesive savings.	The electrovalve accepts variable-length signals. Freedom to customize dot size by modifying its duration (T_{ON}).
24 V No savings Repetitive savings	CONSTANT PRODUCT SERIES 	VARIABLE PRODUCT SERIES 
Advanced configuration	Freedom to customize the ends (b) and the size of intermediate dots (d).	

TECHNICAL CONSIDERATIONS

- Continuous 24 V signal (e.g., PLC)
- Selection of desired savings percentage via touchscreen (7")
- Simple configuration and full integration into the MICRON+ platform
- Splitting on 2, 4, or 6 electrical
- 60 W maximum consumption