EVS Applicator



EVS

TECHNICAL DATASHEET

Edition	Evolution
Feed	Left-side feed
Feed system	Mechanical
Working height	135.8 ±0.02 mm (5.35 in)
Stroke	30 / 40 mm (1.18 / 1.57 in)
Cable cross-section	Max 6 mm² (9 AWG)
Terminal pitch	Max 25 mm (0.98 in)
Terminal thickness	Max 0.6 mm (0.024 in)
Height regulation system	Continuously adjustable ring
Adjustment range	2.7 mm (0.106 in)
Resolution	0.01 mm (0.00039 in)
Feed speed adjustment	not available
Weight	3 Kg (6.6 lb)
Dimensions [LxPxH]	155 x 105 x 150 mm (6.1 x 4.1 x 5.9 in)
Operating pressure	not available
Air consumption	not available
Compatibility with Mecal Crimping machines	TT – P107c – P020i – P040 – P040i – P080 – P080i

DESCRIPTION

EVS applicators are precision tools designed for crimping terminals onto wires. They are compatible with a wide range of wire cross-sections up to 6 mm² (9 AWG) and terminals with material thickness up to 0.6 mm (0.024 in) and pitch up to 25 mm (0.98 in).

The applicator body is made of cast iron and features a customizable side plate. The crimping dies are front-mounted, ensuring easy access and quick replacement of wear parts.

The applicator is equipped with a stepless crimp height adjustment ring, offering a resolution of 0.01 mm (0.00039 in) and an adjustment range of 2.7 mm (0.106 in). Alternatively, a fixed-step adjustment ring can be supplied, configured according to the specific requirements of the terminal to be crimped.

In addition, the applicator includes a non-resettable seven-digit mechanical counter, allowing operators to monitor the number of crimping cycles performed and to schedule preventive maintenance of wear components.

The product is supplied with digital documentation available for download from a dedicated cloud platform. The package includes the user manual, datasheet (containing model, serial number and test data), bill of materials, exploded view drawing and certification. Upon request, an in-depth crimping study can be provided, including capability tests and micrographs of crimped terminal cross-sections. All documentation can also be supplied in printed format together with the applicator.

Mecal S.r.l. reserves the right to modify the characteristics of the product described in this datasheet without notice.

MECAL s.r.l. – Strada per Felizzano 18, 15035 Fubine Monferrato (AL) Italy – www.mecal.net – info@mecal.net

Datasheet EVS_EN_rev00 2024/09 – Rev.00

Mecal