



MRSP FAKRA TECHNICAL DATASHEET

Edition	Restyling
Feed	Left-side feed
Feed system	Pneumatic
Working height	135.8 ±0.02 mm (5.35 in)
Stroke	30 / 40 mm (1.18 / 1.57 in)
Applications	RG174 - RTK031 - RG58/59
Terminal pitch	Max 35 mm (1.38 in)
Terminal thickness	Max 1.2 mm (0.047 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	Pneumatic flow regulator
Weight	7.8 Kg (17.2 lb)
Dimensions [LxPxH]	260 x 263 x 180 mm (10.2 x 10.4 x 7.1 in)
Operating pressure	6 Bar (87 psi)
Air consumption	0.44 NI/ciclo
Compatibility with Mecal Crimping machines	P107c – P020i – P040 – P040i – P080 – P080i

DESCRIPTION

MRSP Fakra pneumatic applicators are designed for crimping Fakra terminals onto antenna cables. Depending on the model, they can process RG174, RTK031, RG58 and RG59 cable assemblies. For each cable type, a dedicated applicator version is available for crimping the inner contact, outer contact or housing.

The applicator body is made of cast iron and features a customizable left-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 terminal requirements.

Terminal feeding is driven by a pneumatic system, providing improved positioning accuracy on the crimping dies and allowing an extended feed pitch range.

In addition, the applicator includes a non-resettable seven-digit mechanical counter, enabling monitoring of the total number of crimping cycles and facilitating 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 (model, serial number and measured test values), bill of materials, exploded view drawing and certification. Upon request, an in-depth crimping analysis can be provided, including capability testing and micrographs of crimped terminal cross-sections. All documentation can also be supplied in printed format together with the applicator.