

"Variocrimp 16" crimping tool; for insulated and uninsulated ferrules; from 6 mm² to 16 mm²

Item No.: 206-216



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Marking

RoHS ✓
Compliant

Business data

Supplier	WAGO
Item no.	206-216
GTIN / EAN	4017332085830
Content	1
Order amount	1
Customer item number	

Notes

*Application Notes*With "Variocrimp 4," the built-in crimping pressure control automatically adjusts force to the conductor cross section used. With "Variocrimp 16," it is necessary to select the wire gauge on the tool before crimping. Only one crimping station is needed to handle the specified conductor size range. Uniform, compact crimping on all four sides for high conductor retention. No need to center the conductor into the ferrule. Conductor and ferrule insertion possible from both sides (for left- and right-handers). Built-in ratchet mechanism ensures gas-tight crimp connection. Crimping tools open automatically after crimping operation is complete. Ergonomical handles. What is a "gas-tight" connection In a gas-tight connection, the conductor and the ferrule are compressed together, eliminating all spaces. Under normal atmospheric conditions, neither a liquid nor a gaseous medium can penetrate into the crimped connection. Oxidation between crimped single conductors is prevented, ruling out nearly any increase in the crimped connection resistance. In some exceptional cases, minute, isolated spaces may be present. These can be considered to be closed off on account of the twisted wires, however. Inadequate crimping can allow the conductor to be pulled out of the connection. Hollow spaces also remain in which oxidation can form. Oxidation leads to an increase in contact resistance. Elevated resistance is detrimental for signal transmission, as the signal flow is damped (weakened), and for power transmission, as power loss and, hence a temperature increase due to contact (risk of fire) can result. Crimping tools with built-in ratchets are recommended, such as the WAGO Variocrimp tools. These tools only open after the crimping process has been fully completed. Space-saving crimping from all four sides is ideal for spring clamp termination. Cross section data for ferruled conductors indicated for WAGO products is based on this crimping method.

Technical data

Miscellaneous

Weight [g]	579.5 [g]
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Images & drawings



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