

tyco

Electronics

Energy Division

Raychem

**Accessories for the installation
of heat-shrinkable products
for the electrical power industry**



FH-1630 Torch Assembly

The FH 1630 torch assembly for rapid installation of heat-shrinkable materials offers maximum burning efficiency and the best available balance of surface preheat. All system components are fully compatible.

FH-1630-S-HNZ Torch handle

Torch handle with holder and shutoff valve for use on all FH 1630-S nozzles, -PIE regulators and hoses.

Nozzle connection thread: R $\frac{3}{8}$ "', right
Hose connection thread: R $\frac{3}{8}$ "', left



FH-1630-S-HSZ Torch handle

Torch handle with holder and shutoff valve and pilot/full flame lever for all FH 1630-S nozzles, -PIE regulators and hoses.

Nozzle connection thread: R $\frac{3}{8}$ "', right
Hose connection thread: R $\frac{3}{8}$ "', left

Nozzles for FH-1630-S handles

	Nozzle Ø (mm)	Gas consumption max (kg/h)
FH 1630-S-BN28	28	0,46
FH 1630-S-BN38	38	0,90
FH 1630-S-BN50	50	2,00
FH 1630-S-PN17 (for plumbing)	17	0,24



FH-1630-S-MC10 Torch box with content

Torch box of red enamelled galvanized steel, three nozzles BN28, BN38, and PN17, one torch handle HSZ, one constant pressure regulator R1, one automatic cut-off valve CV, one 5 m high pressure hose SW5.
Weight: 4.8 kg
Size: 450 x 210 x 74 mm



FH-1630-S-MC Torch box, empty

Torch box of red enamelled galvanized steel.
Size: 450 x 210 x 74 mm

FH-1630-S-TS1 Torch Assembly (Mini)

One nozzle BN38, one torch handle HSZ and one 5 m high pressure hose SW5 packed in a poly bag.



FH-1630-S-BH20 Compact gas bottle

This highly portable lightweight gas bottle is supplied complete with a robust carrying hook and a stand for the work bench or desk top. The bottle and stand are finished in red enamel and the unfilled bottle weighs only 1.45 kg.
Capacity: 0.425 kg



**FH-1630-PIE
Torch handle**

Torch handle with Piezo automatic ignition.
Gas flow with pressed trigger only.
Nozzle connection: bayonet socking
Hose connection thread R³/₈" , left



Nozzles for FH-1630-PIE handle

	Nozzle Ø (mm)	Gas consumption max (kg/h)
FH 1630-PIE-BN28	28	0,46
FH 1630-PIE-BN38	38	0,90
FH 1630-PIE-BN50	50	2,00
FH 1630-PIE-PN18 (for plumbing)	18	0,24



**Constant pressure regulator
for all FH-1630 hoses**

Applicable on propane gas tanks with a capacity of 5 kg to 11 kg.

Gas flow: max 6 kg/h
Constant pressure: 2 bar

The constant pressure regulator screw connections are compatible with all FH-1630 high pressure hoses.



	Hose connection thread	Gas bottle connection thread
FH 1630-PIE-R1	R ³ / ₈ " LH	W21.8 x 1/14" LH DIN/Combi
FH 1630-PIE-R2	R ³ / ₈ " LH	W20 x 1/14" LH POL
FH 1630-PIE-R3	R ³ / ₈ " LH	W20 x 1/14" LH SHELL

**High pressure hoses for all
FH-1630 handles**

Fitted with screw connections for all FH-1630 constant pressure regulators and torch handles.

Internal diameter: 4 mm
Connection threads: R³/₈" LH
Colour: orange

FH-1630-PIE-SW4	4 m length
FH-1630-PIE-SW5	5 m length
FH-1630-PIE-SW10	10 m length



**FH-1630-PIE-CV
Automatic cut-off valve**

The automatic cut-off valve is fitted between the hose and the constant pressure regulator and cuts off the gas supply in the event of damage to the hose or torch handle.

Connection threads: R³/₈" LH



**FH-1630-PIE-LGS
Safety valve**

The safety valve is a combination of FH-1630-PIE-R1 and FH-1630-CV, including an automatic gas leakage device.
Max. hose length: 10 m



Torch holder

The snap-fitting torch holder enables the torch to be put aside in a convenient clean and safe position during installation work in the field.

Galvanized steel.

	Nominal diameter of fixing ring (mm)
FH-1630-TH229	229
FH-1630-TH300	300



IT-1000-001 Tool Kit for cable installation

A compact and comprehensive kit for the installation of cable accessories, joints, terminations, etc.



IT-1000-002 Cable Vice

The IT-1000-002 cable vice for fast and easy installation of joints and the repair of cables. An adaptor is included which enables the cable vice to be used for the installation of terminations.

Suitable for field installation and for workshop use. When fixed to a work bench, the upper part with the clamps can be used without the legs.

Cable vice for the installation of joints and the repair of cables.

Adaptor and clamp for the installation of terminations.



Overall diameter of cable (mm)	Length, adjustable (mm)	Width of legs (mm)	Height of upper part, adjustable (mm)	Height (total), adjustable (mm)	Weight (total) (kg)
15 – 100	700 – 1210	800	450 – 580	1010 – 1140	11.5

Individual Tools & Accessories

IT-1000-010 Diameter Tape

Total length: 2 m



IT-1000-019 Installation Tool for Mechanical Connectors

This tool avoids the cable cores being over bend during installation of mechanical connectors.

Application diameter range: 15 – 60 mm
Length of handle: 205 mm



EXRM-0305 Screen Removal Tool

For bonded screens on sector shaped conductors packed in a strong plastic bag.

Spare blade: EXRM-0306



EXRM-0946 Screen Removal Tool

For bonded screens on round conductors
incl. 1 spare blade and key, packed in a
strong card board box.

Spare blade: EXRM-0946-1



EXRM-1004 Insulation Removal Tool

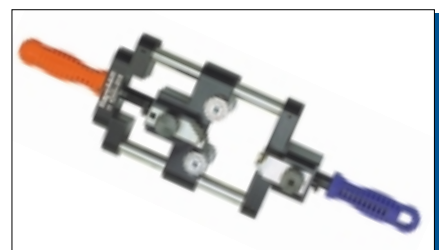
For the removal of paper insulation.



IT-1000-013 Screen & Insulation Removal Tool

For bonded screens on HV cables.
1 spare blade for screens: EXRM-0982-S
1 spare blade for insulation: EXRM-0982-I-35

For further details, contact your local Tyco
Electronics sales engineer.



EXRM-0607
Cable Knife

Total length: 175 mm



EXRM-0764
Insulation stripping string

Insulation stripping string for plastic insulated cables.

Length: 2 m



EXRM.1228-19
Hexagon Insert Socket

Extra long hexagon insert socket wrench, used for the installation of RICS-adaptors.

Insert socket size: 19 mm



EXRM-0945-0.4
Safety Bottle

For cleaning solvents, empty.

Material: Aluminum

Content: 0.4 litre



EXRM-0945-1.0
Safety Bottle

Content: 1.0 litre

EPPA-001
Cleaning Tissue

A special type of cellulose paper impregnated with isopropyl alcohol. Cleaning tissues can be used to clean and degrease the surface of metal, plastic, rubber, etc. components before the installation of heat-shrinkable products. Supplied in individual sachets.

Size: 195 x 135 mm, folded to 50 x 35 mm



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Electronics

Energy Division

Argentina
Phone: ++54-11-4733 2277
Fax: ++54-11-4733 2267

Australia
Phone: ++61-2-4390 1111
Fax: ++61-2-4353 2497

Brazil
Phone: ++55-11-861 1311
Fax: ++55-11-861 1862

Canada
Phone: ++1-905-475 6222
Fax: ++1-905-470-4453

France
Phone: ++33-3-80583200
Fax: ++33-3-80341015

Mexico
Phone: ++52-5-729 0405
Fax: ++52-5-361-8545

Thailand
Phone: ++66-2-7394026 - 32
Fax: ++66-2-3260563 - 64

United States of America
Phone: ++1-800-327-6996
Fax: ++1-800-527-8350

AMP Dulmison Hellstern Raychem SIMEL

www.tycoelectronics.com

Tyco Electronics Raychem GmbH
Energy Division
Haidgraben 6, 85521 Ottobrunn/Munich, Germany
Phone: ++49-89-6089-0, Fax: ++49-89-6096345