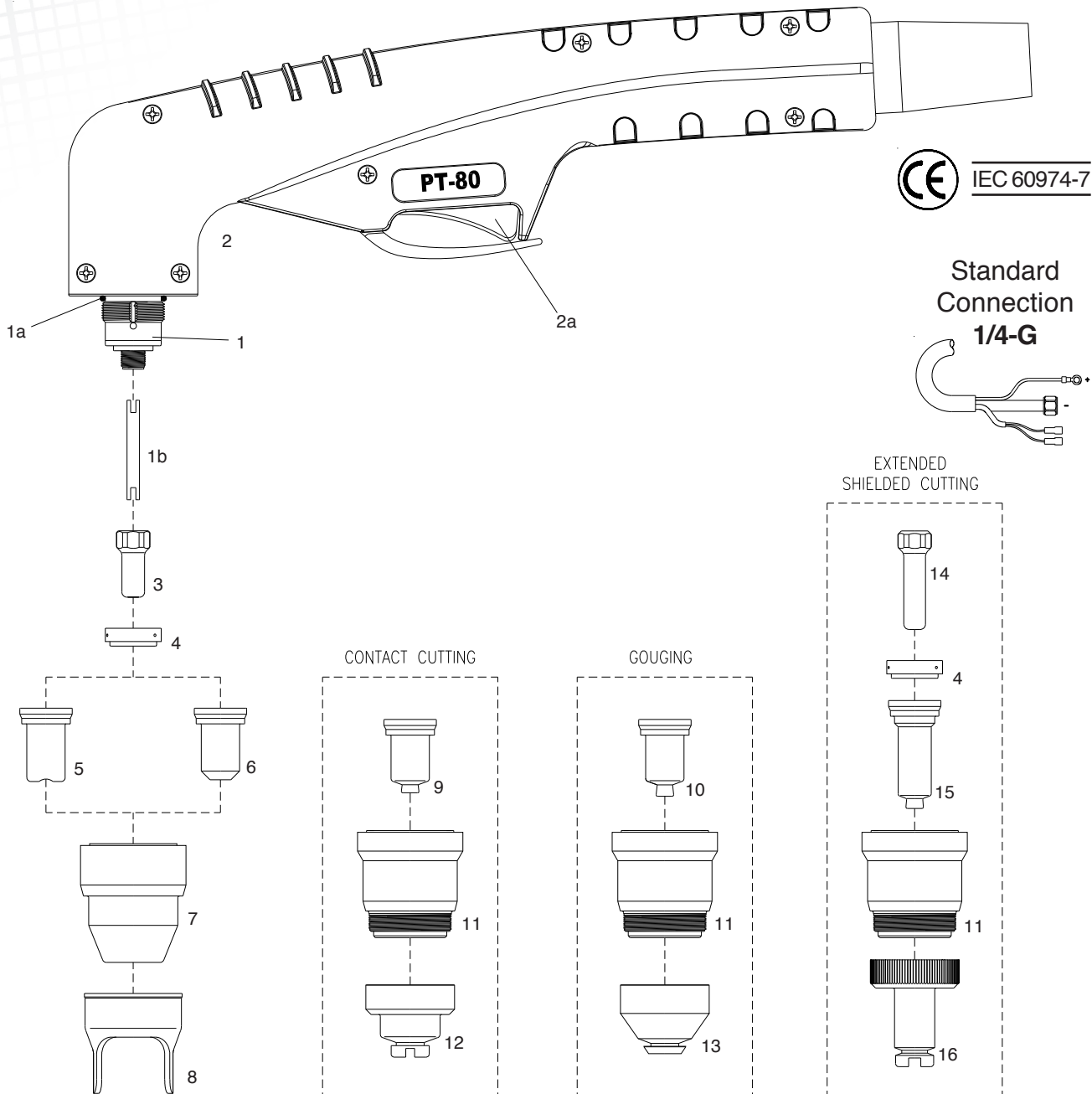


Technical Data PT-80

Current : 30-80 Amps
Duty Cycle: 80 Amps 60%
Gas: Air/N2
Gas Pressure: 65-75 psi (4.4-5.0 bar)
Gas Flow: 340 scfh (160 lpm)
Pilot : Electrode to Tip (18-22A)
Ignition: Without HF

For the correct operation please use:
 3-Ways Solenoid Valve, inside orifice
 2.7-3.0 mm - (0.106-0.118 inches)



Replacement Parts PT-80

Torch parts

Item	Description	Code
1	● PT-80 Hand Torch Head	09800
1a	● O-Ring	51620.60
1b	● Cooling Tube	09800.42
2	● Handle with Switch	09705
2a	● Switch	07301.20
3	● Electrode, Back Striking	52558
4	● Swirl ring	60027
5	Tip, Contact Cutting, \varnothing 0.9, 30-40A, Back Striking	51310.09
6	Tip, Cutting, \varnothing 1.0, 40-50A, Back Striking	51311.10
	Tip, Cutting, \varnothing 1.1, 50-60A, Back Striking	51311.11
	Tip, Cutting, \varnothing 1.2, 60-70A, Back Striking	51311.12
	● Tip, Cutting, \varnothing 1.3, 70-80A, Back Striking	51311.13
7	● Retaining Cap	60510
8	● Double Pointed Spacer (for use with item 6 only)	60434
N/S	● Wrench for electrode	60368

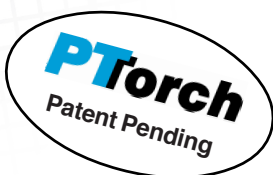
Torches and Leads

PT-80	Hand Torch, 6m (20 ft) Leads, Coaxial Cable	09820CX
PT-80	Hand Torch, 12m (40 ft) Leads, Coaxial Cable	09825CX
PT-80	Lead Assembly, Hand, 6m (20 ft) Length, Coaxial Cable	09780CX
PT-80	Lead Assembly, Hand, 12m (40 ft) Length, Coaxial Cable	09785CX

Accessories

Item	Description	Code
9	Contact Tip, \varnothing 1.0, 40-50A, Back Striking	51311S.10
	Contact Tip, \varnothing 1.1, 50-60A, Back Striking	51311S.11
	Contact Tip, \varnothing 1.2, 60-70A, Back Striking	51311S.12
	Contact Tip, \varnothing 1.3, 70-80A, Back Striking	51311S.13
10	Tip, Gouging, 80A, Back Striking	51311G.16
11	Shield Cup Body	60511
12	Shield Cap, Hand	60504
13	Shield Cap, Gouging	60508
14	Extended Electrode	52558L
15	Extended Shielded Tip, \varnothing 1.0, 40-50A	51311L.10
	Extended Shielded Tip, \varnothing 1.1, 50-60A	51311L.11
	Extended Shielded Tip, \varnothing 1.2, 60-70A	51311L.12
	Extended Shielded Tip, \varnothing 1.3, 70-80A	51311L.13
16	Extended Shield Cap, Hand	60504L
N/S	Circle Cutting Attachment	51853

● Standard Layout



Monogas

Air or N₂

Torches with different cable covers and central connector available on request.