## **OUTLET POINT 503**

# for cutting machines



Outlet point with integrated gas filters for cutting machines with fuel gas, heating gas and cutting oxygen.

#### **Benefits**

- · inlet with fittings
- reliable filtering performance increases service life of downstream fittings and equipment by gas filter 622 (40 μm)
- ball valve in inlet signals clearly position OPEN / CLOSED respectively gas flow / gas stop
- with safety device 85-10, against reverse gas flow and flashbacks according to DIN EN ISO 5175-1
- · quick and easy wall mounting
- compact design on nickel plated square tube
- · completely mounted and tested

#### Operation / Usage

Outlet points at the end of gas supply, verified with local required consumption rate.

Applicable for cutting machines.

Outlet points will be supplied in standard program or special design.

#### **Assembly**

Nickel plated square tube. For withdrawal of:

## 1x Acetylene

inlet: soldering end 21.3 mm, ball valve DN 10, gas filter 622, pressure regulator for outlet point,

safety device 85-10, outlet: G 3/4 LH male with cone

### 1x Heating Oxygen

inlet: pipe coupler for copper- or stainless steel tube 15x1, ball valve DN 10,

gas filter 622,

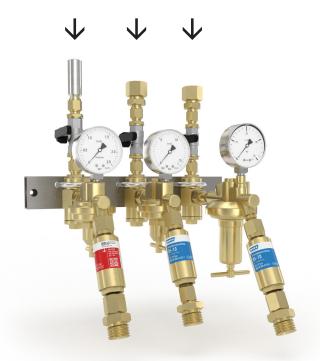
pressure regulator for outlet point,

safety device 85-10, outlet: G3/4 RH male

#### 1x Cutting Oxygen

inlet: pipe coupler for copper- or stainless steel tube 15x1, ball valve DN 10, gas filter 622, pressure regulator for outlet point, safety device 85-10, outlet 3/4 RH male with cone

completely mounted and tested Other connections available on request



#### **Approvals**

Company certified according to ISO 9001

Designed for Oxygen Service in accordance with EIGA 13/20 and CGA G-4.4: Oxygen Pipeline and Piping Systems

Cleaned for Oxygen Service in accordance with EIGA 33/18 and CGA G-4.1: Cleaning of Equipment for Oxygen Service

Oxygen Service				
Technical Data				
Gases		Acetylene (A)	Heating Oxygen (O)	Cutting Oxygen (O)
Order-No.		280030091		
p <sub>v</sub> max.	[bar]	1.5	16	16
p <sub>H</sub> max. (static)	[bar]	0 – 1.5	0 – 10	0 – 20
Q max. (at p <sub>H</sub> =1.5 bar)	[m³/h]	4.5	_	_
Q max. (at p <sub>H</sub> =10 bar)	[m³/h]	_	46	60
Q max. (at p <sub>H</sub> =20 bar)	[m³/h]	_	_	75
Connections				
Inlet		soldering nipple 21.3 mm	pipe coupler 15x1 mm	
Outlet	Male with cone	G 3/4 LH	G 3/4 RH	
Dimensions				
Height	[mm]	530		
Width	[mm]	780		
Depth	[mm]	115		
Weight	[kg]	15		