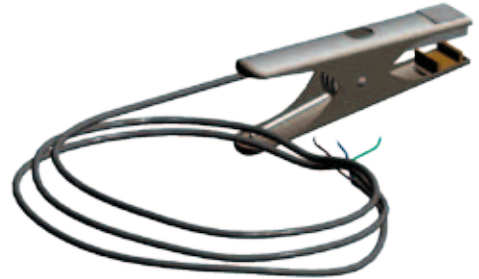


WCS

WELDING CABLE SENSOR

The WCS is an automatic start/stop device which automatically switches the fan(s) of the connected welding fume extraction system on and off. It consists of a metal clamp with a built-in sensor. The WCS is to be connected to a control box. It can be used in stationary systems only. The WCS can be used for all electric welding processes, including TIG welding.

The WCS operates on the basis of a change in the magnetic field of the mass cable of a welding machine. An indication led on top of the sensor illuminates when the WCS detects a signal, which happens when welding starts. In this case, the connected extraction fan switches on automatically. When the welding stops, the fan automatically switches off after a certain run-out period.



APPLICATIONS

The WCS is intended to be used for the following applications:

- MIG-MAG/GMAW welding
- TIG welding
- FCAW welding
- stick/MMAW welding



Do **not** use the WCS for the following applications:

- cutting
- grinding



SPECIFICATIONS

Physical dimensions and properties

Dimensions clamp	170 x 70 x 25 mm (6.69 x 2.76 x 0.98 in.)
Connection cable	7,5 m (24.6 ft)
Material	steel
Colour	silver
Weight (net)	0,675 kg (1.5 lbs)

Electrical data

Power consumption	0,5 W
Connection voltage	24 VAC
Switch-on current	8-400 A
Mass cable welding machine	max. Ø 35 mm (1.38 in.)
Insulation class	IP 65

Ambient conditions

Operating temperature:	<ul style="list-style-type: none"> • Min. 5°C (41°F) • Nom. 20°C (68°F) • Max. 45°C (113°F)
Max. relative humidity	80%
Outdoor use allowed	no
Storage conditions	<ul style="list-style-type: none"> • 5-45°C (41-113°F) • relative humidity max. 80%

Product combinations

CB-WCS	control box
CB-WCS/15	

Scope of supply

WCS clamp with 3-cored wire - User manual

Order information

Article number	7900010310
Number/package	1

Shipping data

Gross weight	1 kg (2.2 lbs)
Packing dimensions	325 x 220 x 65 mm (12.8 x 8.7 x 2.6 in.)
Harmonized Tariff Code	8536.5080.90
Country of origin	the Netherlands

APPROVALS/CERTIFICATES



Directive 2011/65/EC (RoHS)
valid as of 8 June 2011

Product type	WSC
Article no.	7900010310
Product category	options and accessories
Version	080212/D

Always check the latest version on www.plymovent.com.