

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 WC	S is	intended	l to	be	used	for	the	follow	ving
applicat	ions	:							
NATON		(

- MIG-MAG/GMAW welding
- TIG welding
- FCAW welding
- stick/MMAW welding
- Do **not** use the WCS for the following applications:
- cuttinggrinding

product data sheet

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: • Min. • Nom. • Max.	• 5°C (41°F) • 20°C (68°F) • 45°C (113°F)					
Max. relative humidity	80%					
Outdoor use allowed	no					
Storage conditions	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



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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

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