



# Dahec Instrumentacion

## Yugo Magnetico UM-9 Helling HI- UM9



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## Hand Yoke Magnet UM 9


### SERIES HANSA-42



The AC hand yoke magnet **UM 9 / HANSA-42** is operated with 42 V input voltage.

A significant larger working area can be achieved through arrangement of the windings directly at the poles and optionally available movable poles.

This yoke is convenient to use due to its narrow handle and its low weight. They enable long, fatigue-free operation.

<b>UM 9 / HANSA-42</b>	<b>Art. no.: 131.002.025</b>	<b>Safety transformer 230/42V</b>	<b>Art. no.: 131.009.050</b>
Voltage	42 V	 <p>Input voltage Output voltage Frequency Protection system Power Input current primary Input current secondary Cable length Dimensions Weight</p>	<p>Acc. to VDE 0570 / EN 61558</p> <p>230 V 42 V 50 – 60 Hz IP 44 500 VA 2.4 A 11.9 A 5 m 210 x 130 x 120 mm 11 kg</p>
Operating current	8.5 A		
Pole spacing (centre/centre)	170 mm		
Pole cross section	25 x 25 mm		
Dimensions	250 x 135 x 49 mm		
Tangential field strength (without poles)	32 A/cm		
Power-on time	50 %		
Cable length	3 m		
Weight (without cable)	2.9 kg		
Protection system	IP 65		

## Accessories for hand yoke magnet UM 9 / HANSA-42

Protective and flexible poles (1 set = 2 pieces))			Art. no.
	Flexible poles 45°	85 x 25 x 25 mm	131.002.023
	Flexible poles 76°	Optimised for fillet weld inspection	131.002.019
	Protective poles with pin	70 x 25 x 25 mm	132.020.021
	Protective poles for screwing	65 x 25 x 25 mm	132.002.021
Light elements			
	Inductive white light LED light element with one LED and swiveling head	Illumination in 70 mm distance approx. 1,000 lx 65 x 80 mm approx.70 g	131.002.054
	Inductive UV LED light element with one swiveling UV LED head	UV intensity in 70 mm distance approx. 2,000 $\mu\text{W}/\text{cm}^2$ 65 x 80 mm approx.70 g	131.002.053
	Inductive UV LED light element with two swiveling UV LED heads	UV intensity in 70 mm distance approx. 3,500 $\mu\text{W}/\text{cm}^2$ 65 x 80 mm approx.80 g	131.002.063
Further accessories			
Spare cable	Length 10 m		131.009.060
Test report			K01.000.104

Heidgraben, September 2017  
Subject to technical chan

