

Balder BSH1 / V913, V913 ES

Technical Data



Part N°	GZKBSV913, GZKBSHES	
Type Description	automatic shade cartridge; manually adjustable 4/9-13 by a potentiometer	
Cartridge dimensions	110 x 90 x 7,2 mm / 4,33 x 3,54 x 0,28" 96 x 46,5 mm / 3,78 x 1,81" (Viewing area)	
Power supply	solar cells, no battery changes	
Sensors	two above the eyes	
Light transmittance	ultraviolet / infrared protection (at least 16 at any shade setting) visible range activated shade level 9-13 visible range not activated shade level 4	
Switching time	<i>light to dark</i> 0,00015 s (0,15 ms) at room temperature	<i>dark to light</i> 0,4 s
Classification	Optical class = 1 Scattered light = 1 Homogeneity = 1 Angular dependence = 3	
Functions	Possibility of adjustment (internal / external) - shade (9-13), sensitivity	
Protection for ADF	Poly-carbonate foils or CR-39 reflection free front cover lens and poly-carbonate inside cover lens	
Mask material	PA	
Mask colour	Black	
Operating temperature	-10°C to + 60°C / 14°F to 140°F	
Storage temperature	-20°C to + 65°C / -4°F to 149°F	
Weight	95 g / 3,35 oz (ADF only), 105 g / 3,70 oz (ADF only), 455 g / 15,17 oz (total weight), 465 g / 15,52 oz (total weight)	
Application ranges	All types of electro-arc welding - covered electrodes, MIG/MAG, TIG/WIG, plasma welding and cutting except for laser and gas welding	
Warranty	Warranty term for Balder product`s is 3 years	
Standards / certificates	EN 379, 175 / CE, DIN, DIN plus	