

+ SWISS MADE

®

# XELUX

ACTIVE EYE PROTECTION



XELUX G1 GAS

Schweisserschutzfilter

Welding Filter

CE

SCHWEISSEN IN FARBE

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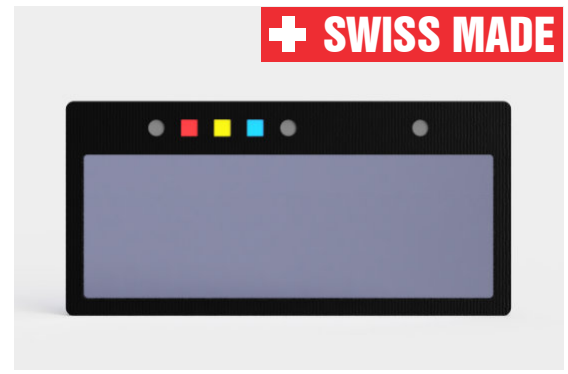


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# XELUX G1 GAS

## Datasheet



The XELUX® G1 GAS is the welding filter made for gas and plasma welding. Whenever glare is detected, it switches to its dark state at shade level 6.

### Properties

Reliable glare detection via light density  
Full color recognition including signal colors  
Zero maintenance during product life  
Combining comfort with safety

### Applications

Brazing  
Gas welding  
Plasma cutting  
Arc welding\*  
\*with additional faceshield only

Item number	60.055				
<b>Optical properties</b>					
		Min.	Typ.	Max.	Unit
Transmittance Ultraviolet	210 - 313 nm			$3 \times 10^{-4}$	%
Transmittance Bluelight	313 - 365 nm			0.1	%
Transmittance Visible, light state	380 - 780 nm		22.8		%
			2.5		SN
Transmittance Visible, dark state	380 - 780 nm		0.72		%
			6		SN
Transmittance NIR ISO 60825-1	780 - 1400 nm		5.7		%
CE-certification EN379		2.5 / 6 GEO 1/1/2/3 379 CE			
<b>Mechanical properties</b>					
Weight			32		g
Dimensions			105 x 51		mm
Storage temperature		-10		40	°C
Operating temperature		-10		70	°C
<b>Electronics properties</b>					
Product life		3	5	7	years
Switching time	At 25°C		25		ms
Opening delay			100		ms
Lithium battery			3		V
Lead free	RoHs				