

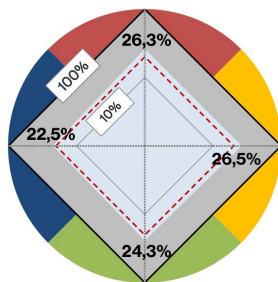
laservision

laser safety spectacle F29P1M03



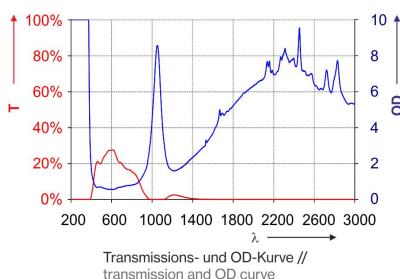
Articlenumber: F29P1M031001
GTIN: 4050369044555
Unit: 1 Stück
Weight incl. packaging 0,23 kg

Color view



Transmission der Signalfarben nach DIN EN 172 //
transmission of signal colours acc. to EN 172

Filtercurve



Transmissions- und OD-Kurve //
transmission and OD curve

Highlights

- Full Protection with LB levels acc. to EN 207
- Suitable for the UV range, Nd:YAG, disc-, fiber- and CO₂-Laser
- Anti-scratch / anti-fog coating
- Very good color view
- Very good VLT
- Available in the frame [F18](#), [F22](#), [F29](#), [F47](#) and as a laser safety magnifier ([F27](#))

The laser safety goggle F22.P1M03.1001 with standard temples is certified, with just less interruptions, for the wavelength range 180 up to 14000nm acc. EN 207. It is specially suitable for medical lasers, for combination lasers around 1064nm, for CO₂ lasers, Nd: YAG, disk and fiber lasers and in the NIR range. It also has M protection levels for ultra-short laser pulses. The laser safety goggle has a good visual brightness and a daylight transmission (VLT) of approx. 25%. The eyewear comes in a sustainably produced hexagonal cardboard box, along with a microfiber pouch and a cord to hang the goggles on. For a professional cleaning of laser safety spectacles laservision recommends the cleaning station (A99.CLASTA.1300).

COATING:	Front side anti-scratch / rear side anti-fog
CUSHION:	No cushion
FILTER:	P1M03
FILTER COLOUR:	Grey
FILTER CURVATURE:	Base curve 9
FILTER MATERIAL:	Plastic
FILTER TECHNOLOGY:	Absorption filter
FILTER THICKNESS:	ca. 2mm
FRAME:	F29
FRAME TYPE:	Spectacle
PROPERTIES:	Lightweight, M-protection rating
PROTECTION CLASS / NORM:	EN 207 full protection
PROTECTION RANGE:	near infrared, Infrared, ultraviolet
VLT (APPROX.):	25%
VISUAL BRIGHTNESS:	Good
COLOUR RECOGNITION:	Very good

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WAVELENGTH	OD	OPERATING MODE / TESTED PROTECTION LEVEL
180 - 315	(OD10+)	D LB10 + IR LB4 + M LB6Y
>315 - 375	(OD8+)	D LB6 + IR LB8 + M LB8Y
>375 - 385	(OD3+)	DIRM LB3
1020 - <1030	(OD6+)	DIRM LB6
1030 - <1040	(OD7+)	D LB6 + IRM LB7
1040 - 1064	(OD8+)	D LB6 + IR LB8 + M LB8Y
>1064 - 1073	(OD7+)	D LB6 + IRM LB7
>1073 - 1083	(OD6+)	DIRM LB6
>1083 - 1090	(OD5+)	DIRM LB5
1090 - 1100	(OD4+)	DIRM LB4
1400 - <1600	(OD2+)	DIRM LB2
1600 - <1750	(OD3+)	DIM LB3 + R LB3Y
1750 - 3000	(OD4+)	DIM LB4 + R LB3Y
>3000 - <5400	(OD2+)	DIRM LB2
5400 - 14000	(OD6+)	DI LB4 + R LB3Y + M LB5Y