

# Datasheet QuickMatch I

Article-No.: 51064



**Tolerance of Measure:** Unless otherwise noted in drawing, tolerances are specified with  $\pm 0.1$  and dimensions are specified in mm.



## Safety and Warning Instructions

The system is not designed and constructed for use as a safety-critical component in systems and machines in general, nor for particular use in medical applications. Use is not permitted in these areas. Assembly, installation and maintenance are to be performed by trained personnel only.



## Safety and Warning Instructions Light Source

Do not look into the light source for a long-time during operation. May be harmful to the eyes. DIN EN 62471 risk group 2.  
Never intentionally point the light beam from the light source or the light beam of the connected fiber optics into your own eyes or into the eyes of other people.  
If you look directly into the light beam of the light source or the light beam of the connected fiber optics, the high luminosity of the light source can cause glare to the eyes. If a light beam hits the eyes, close the eyes immediately and move the head out of the light beam.  
No optically highly focused instruments may be used to view the light beam.

## Technical Data

Power supply	100 to 240 V (AC), 50/60 Hz
Spectral range	380 nm to 780 nm
Output	CIE 1976 L*a*b*, Tristimulus (X, Y, Z), Yellowness Index (YI E313; YI D1925)
Measurement geometry	Reflection
Resolution	11 gain steps a 16 Bit
Light source	LED white
Total useful luminous flux <sup>[1]</sup>	approx. 7 lm
Type of electrical connection	IEC Connector C13
Interface	Fast Ethernet RJ45
Communication protocol	proprietary
Parameterization	via ethernet interface
Triggering	via ethernet interface
Dimensions	Width: 455 mm Height: 300 mm Depth: 160 mm
Noise level	max. 56 db(A)
Coupling measuring object	fiber optic with F-SMA connection
Fuse protection	3.15 A; Fuse
IP Code	IP65
Operating temperature	10 °C to 55 °C
Operating humidity	35 % to 85 % relative humidity
Storage temperature	-20 °C to 70 °C
Weight	approx. 14.80 kg

[1]: The total luminous flux is measured after a warm-up period of 30 minutes, with a tolerance of +/- 8%.