

Technical data:

Illuminance probe	FX-100
Sensor:	silicon photodiode, $\sqrt{\lambda}$ filter
Spectral range / error:	human eye like / 4 % according to CIE
Full viewing angle / cos error:	180° cos corrected / < 5 % (0 .. 180°), < 3 % (0 .. 177°)
Measuring range:	0 .. 20.000 Lux; 3 subranges
Basic accuracy:	> 1 %
Communication port:	serial - 9600 bps
Analog outputs:	✓
Voltage output:	0 - 5 V; R_{\min} 1000 Ω
Temperature range	0 .. +50 °C
Power supply:	5 V DC \pm 7 %
Power consumption:	< 0,8 W
Protection degree:	IP54
Dimensions:	\varnothing 50 x 30 mm