

Illuminance meter	FS-20
Sensor:	silicon photodiode, V λ filter
Spectral range / error:	human eye like / < 5 % 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:	> 3 %
Communication port:	RS 485/232 - 9600 bps
Analog outputs:	✓
Voltage output:	0 - 10 V; R _{min} 1000 Ω
Current output:	4 .. 20 mA; R _{max} 650 Ω
Frequency output:	1 .. 10.000 Hz; TTL 5V _{sqr} /open collector
Contactor 230 V AC outputs; 24 V AC optional:	4
Control current:	0,5 A / channel (16 A peak)
Overall control current / power:	2 A / 460 W
Time averaging:	0 .. 24 min
Temperature range	-40 .. +60 °C
Sensor-room temperature stability:	\pm 1 °C
Temperature control:	heater 5 W
Power supply:	230 V AC \pm 15 %; 50 .. 60 Hz ; optional 24 V AC \pm 15 %
Power consumption:	< 8 W
Protection degree:	IP65
Dimensions (W x H x D) / weight:	160 x 120 x 75 mm / 0,9 kg