



**Fiber optic diffuse reflection sensor,  
E20489 FT-00-M-V-M6**

URL:<https://www.sxplc.com/fiber-optic-diffuse-reflection-sensor-e20489-ft-00-m-v-m6>

**Product data sheet**

## Application

Function principle	Diffuse reflection sensor
Application	High temperature resistance; Robust design for use in harsh industrial environments; Resistant to various aggressive chemicals

## Monitoring range

Range with fiber optic amplifier type	OKF; OUF; OOF
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### OKF

Range fiber optics [mm]	40
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### OOF

Range fiber optics [mm]	200
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### OUF

Range fiber optics [mm]	40
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## Operating conditions

Ambient temperature [°C]	-20...150
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## Mechanical data

Weight [g]	62.1
Version of sensing head	straight
Sensing head thread	M6
Sensing head diameter [mm]	7
Sensing head length [mm]	45
Total length [mm]	600
Min. bending radius [mm]	20
Fiber arrangement	⊕
Fiber material	glass
Fiber head material	stainless steel (1.4305 / 303)
Fiber sheath material	metal silicone

