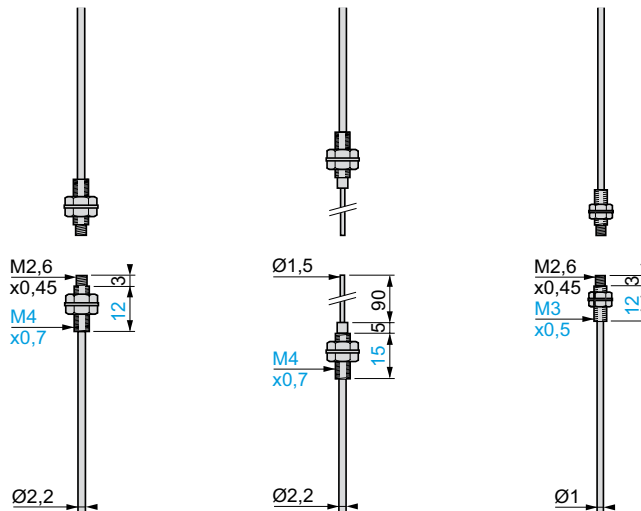


R = minimum bend radius
Fibre of ext. Ø 2.2 mm, R = 25 mm
Fibre of ext. Ø 1 mm, R = 10 mm
XUFN2S01L, R = 4 mm



Nominal sensing distance (Sn)	With fibre L = 2 m	200 mm (1)	180 mm	50 mm (1)
	With lens	1500 mm (2)	–	1000 mm (2)
Application, features		General purpose		Accurate positioning

References (complete assembly - 2 fibres)

With standard end fittings	L = 2 m	XUFN12301	–	XUFN35301
	L = 10 m	XUFN12301L10	–	–
With 90 mm flexible end fittings, L = 2 m		–	XUFN12311	–
Weight (kg)		0.058 (L = 2 m)	0.030	0.045

Characteristics

Fibre (view on sensing face)			
Core (Ø mm)	1 x Ø 1	1 x Ø 1	1 x Ø 0.5
Trimable to required length (trimmer XUFZ11 included)	Yes	Yes	Yes
Ambient air temperature	For operation: - 25... + 60 °C. For storage: - 40... + 80 °C		
Vibration resistance	7 gn, amplitude ± 1.5 mm (f = 10...55 Hz), conforming to IEC 60068-2-6		
Shock resistance	30 gn, duration 11 ms, conforming to IEC 60068-2-27		
Degree of protection	IP 64 conforming to IEC 60529 and IP 641 conforming to NF C 20-010		
Materials	Fibres: PMMA; sheath: PE		

Detection curves

XUFN●●●●L10	XUFN12301, XUFN12311	XUFN35301
Percentage reduction in sensing distance related to length of fibre		

(1) Can be used with 90° mirror XUFZ02, see page 140.
(2) With lens accessory XUFZ01, see page 140.