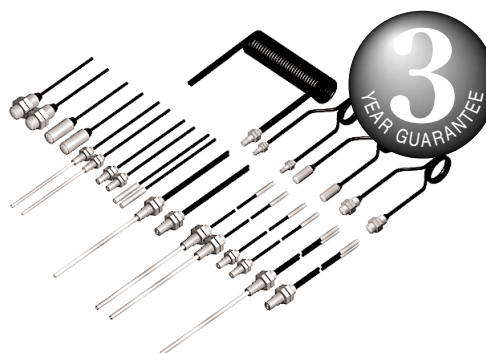


Plastic Fibre Optic CF

IMO

- Many models
- Diffuse and Through-beam plastic fibres
- Suitable for use with FS1, FX2 FX3 and FX4 range and industry standard amplifiers
- IP67

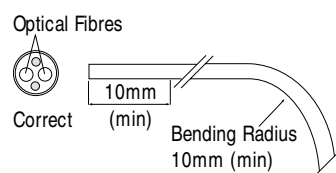
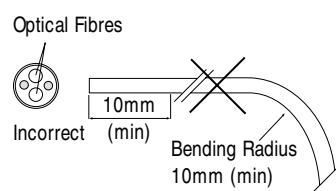
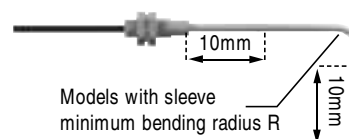


Options and ordering codes

CF / CA2 - 20

Diffuse with cylinder field of view	CA1	05	0.5 meter fibre length
Diffuse	CA2	10	1 meter fibre length
Diffuse with pliable head	CA4	20	2 meter fibre length
Diffuse	CB1		
Diffuse with pliable head	CB3		
Diffuse with spiral fibre	CC1		
Through-beam with pliable head	RA4		
Through-beam	RA7		
Through-beam	RB3		
Through-beam with pliable head	RB4		
Through-beam	RB6		
Through-beam with lens	RB9		
Through-beam with lens	RBA		
Through-beam with spiral fibre	RC6		
Through-beam lens with spiral fibre	RC9		
Through-beam lens with spiral fibre	RCA		

Please contact IMO technical for confirmation of length availability for model type.
Other lengths may be possible

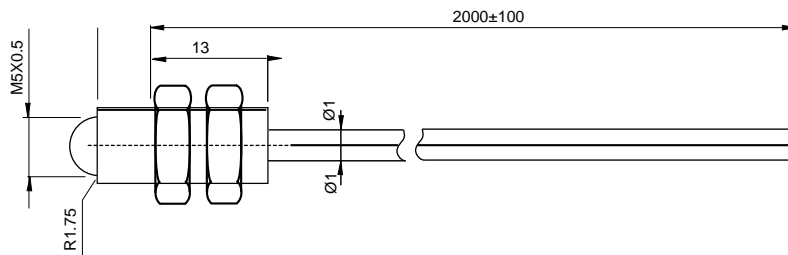


Specification

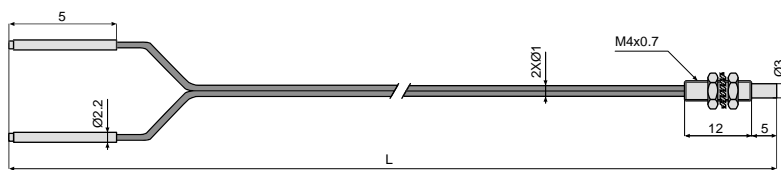
Model	Type	Sensing distance			Fibre Core Ø	Free-Cut	Lens	Head Type	Fibre & Sleeve bending radius R _{min}	Temperature Range	Head material
		FS1	FX3	FX4							
CF/CA1	Diffuse	60mm	140mm	140mm	0.5mm	Yes	No	M5	15 mm-N/A	-25 to + 70 ° C	V2A INOX/ Stainless steel
CF/CA2	Diffuse	15mm	70mm	110mm	0.5mm	No	No	M4	5mm-N/A	-40 to + 70 ° C	CuZn Ni plated
CF/CA4	Diffuse	15mm	60mm	80mm	0.5mm	No	No	M4+ sleeve	5mm-5mm	-40 to + 55 ° C	CuZn Ni plated
CF/CB1	Diffuse	50mm	200mm	300mm	1mm	Yes	No	M6	10mm-N/A	-40 to + 70 ° C	CuZn Ni plated
CF/CB3	Diffuse	50mm	200mm	300mm	1mm	Yes	No	M6+ sleeve	10mm-10mm	-40 to + 55 ° C	CuZn Ni plated
CF/CC1	Diffuse	15mm	70mm	100mm	1mm	No	Yes	M6	10mm-N/A	-40 to + 70 ° C	CuZn Ni plated
CF/RA4	Through-beam	30mm	150mm	250mm	0.5mm	No	No	M4+ sleeve	10mm-10mm	-40 to + 55 ° C	CuZn Ni plated
CF/RA7	Through-beam	30mm	150mm	250mm	0.5mm	No	No	M3	5mm-N/A	-40 to + 70 ° C	CuZn Ni plated
CF/RB3	Through-beam	120mm	700mm	700mm	1mm	Yes	Yes	M4+ M2.6	25mm-N/A	-25 to + 70 ° C	CuZn Ni plated
CF/RB4	Through-beam	120mm	600mm	900mm	1mm	Yes	No	M4+ sleeve	10mm-10mm	-40 to + 55 ° C	CuZn Ni plated
CF/RB6	Through-beam	120mm	600mm	900mm	1mm	Yes	No	M4	10mm-N/A	-40 to + 70 ° C	CuZn Ni plated
CF/RB9	Through-beam	1.2m	8m	10m	1mm	Yes	Yes	Ø 6mm	10mm-N/A	-40 to + 70 ° C	CuZn Ni plated
CF/RBA	Through-beam	1.2m	8m	10m	1mm	Yes	Yes	M7	10mm-N/A	-40 to + 70 ° C	CuZn Ni plated
CF/RC6	Through-beam	100mm	500mm	500mm	1mm	No	No	M4	10mm-N/A	-40 to + 70 ° C	CuZn Ni plated
CF/RC9	Through-beam	1m	6m	8m	1mm	No	Yes	Ø6mm	10mm-N/A	-40 to + 70 ° C	CuZn Ni plated
CF/RCA	Through-beam	1m	6m	8m	1mm	No	Yes	M7	10mm-N/A	-40 to + 70 ° C	CuZn Ni plated

Outline dimensions (mm)

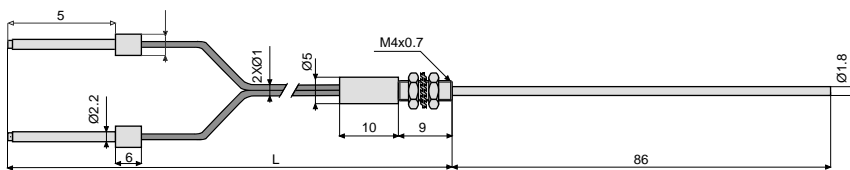
CF/CA1-**



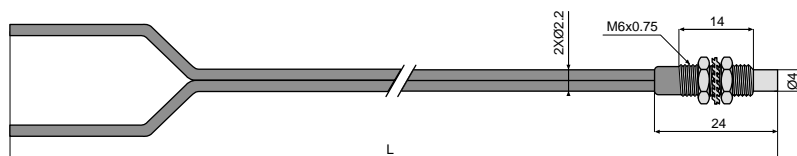
CF/CA2-**



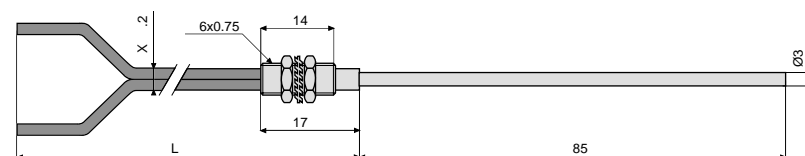
CF/CA4-**



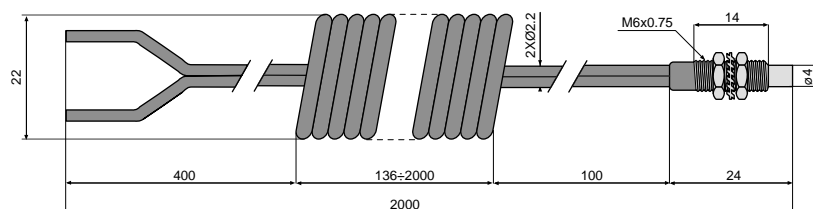
CF/CB1-**



CF/CB3-**

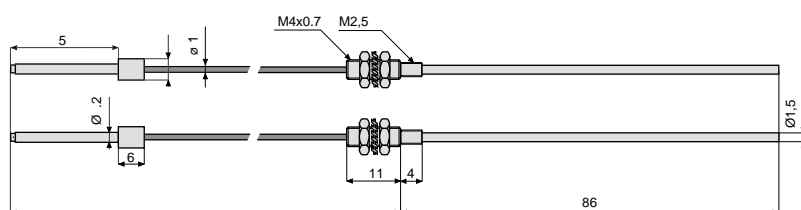


CF/CC1-**

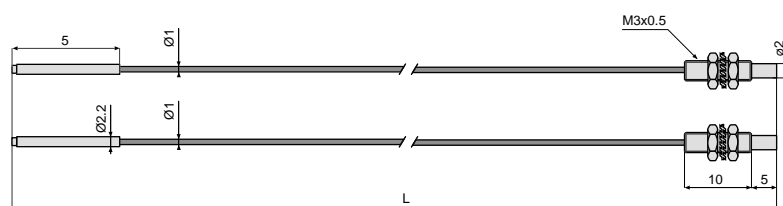


Outline dimensions (mm)

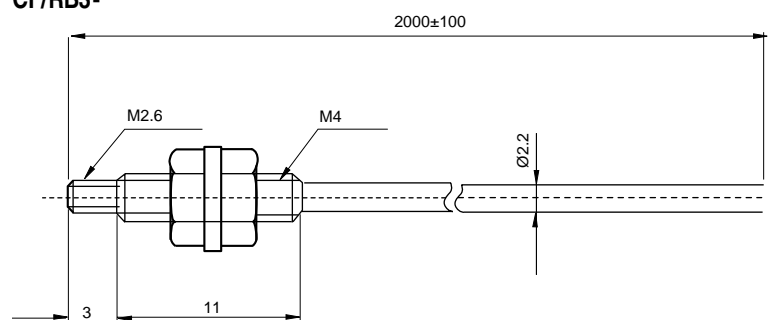
CF/RA4-**



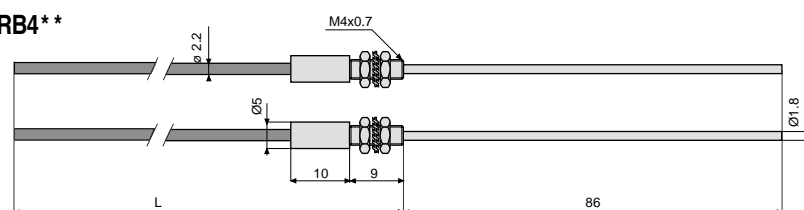
CF/RA7-**



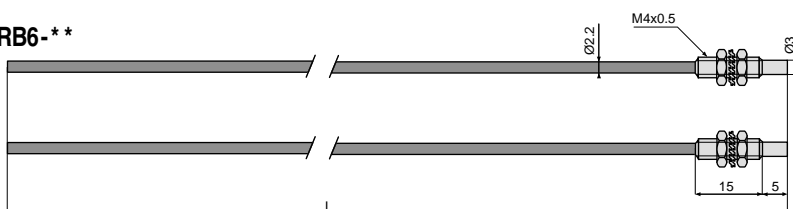
CF/RB3-**



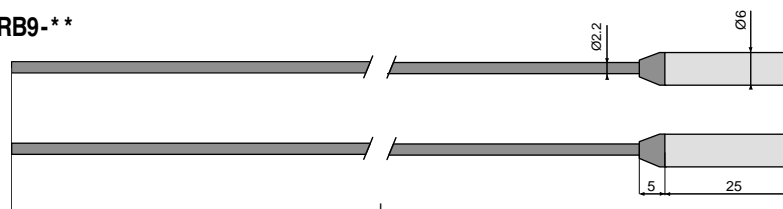
CF/RB4-**



CF/RB6-**

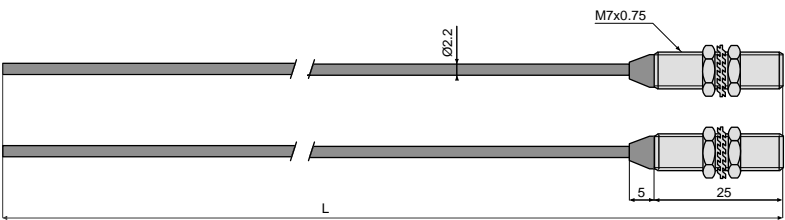


CF/RB9-**

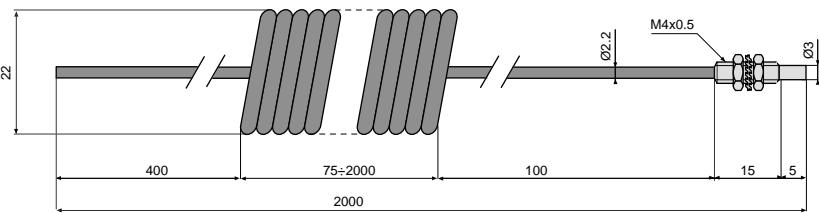


Outline dimensions (mm)

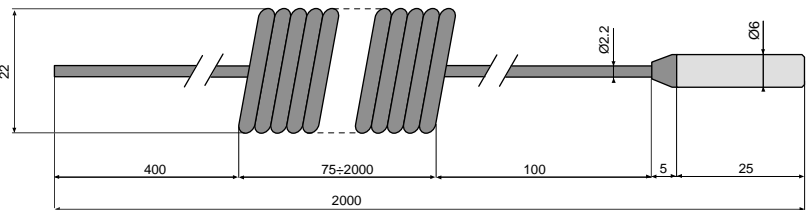
CF/RBA-**



CF/RC6-**



CF/RC9-**



CF/RCA**

