2.2

SERIE	CV

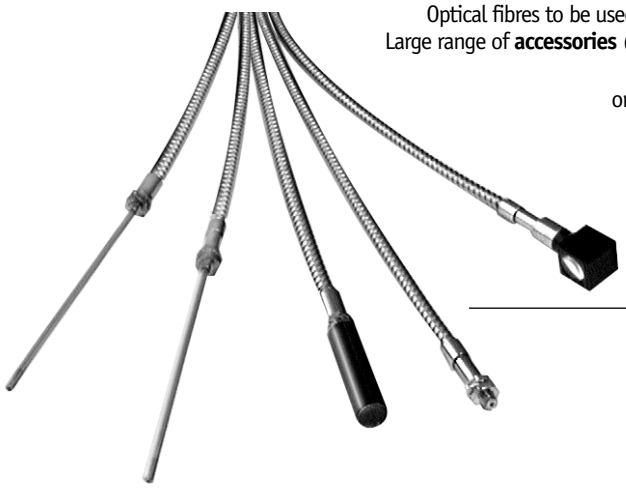


Glass optical fibre for high tempetures

- Models with flexible fibre heads (with sleeve)
- Wide range of accessories (AF serie)
- IP67 protection degree
- FS1 and FX2 serie connectable

Glass optical fibres heat resistant up to 250°C

Optical fibres to be used at high temperature.
Large range of **accessories (AF serie)** available to increase distances or for precise detections



ORDERING SYSTEM

	model (1) (3)	type	with FS1	with FX2	Ø fibre (core)	free-cut	fibre length (2)	head shape (mm)
High temp.	CV/CB1-**	diffuse reflection	50 mm	80mm	1mm	no	1-2 m	M4
	CV/CB3-**	diffuse reflection	50 mm	80mm	1mm	no	1-2 m	M4 with sleeve
	CV/RB4-**	through-beam	90 mm	250mm	1mm	no	1-2 m	M4 with sleeve
	CV/RB6-**	through-beam	90 mm	250mm	1mm	no	1-2 m	M4

(1) The last two bits of the code show the fiber length (in dm) - **(2)** Standard length. Special lengths are available on request.
(3) The following characteristic curves refer only to FX2 serie.

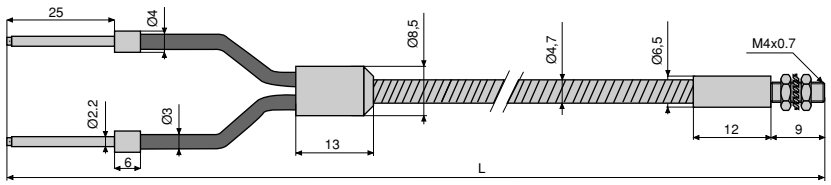
MODEL CV/CB1-**

diffuse reflection (high temperature)



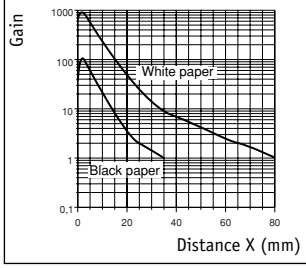
Optical fibre core Ø	1 mm
Distance (with **FS1**)	50 mm
Distance (with **FX2**)	80mm
Fibre length (L)	1 - 2 m
Free-cut	no
Head shape	M4
Protection degree	IEC IP67
Temperature range	-40°....+250°C
Optical fibre materials	glass,ETM,stainless steel
Head materials	nickel-plated brass
Accessories available	AF/FC1, AF/FC2

DIMENSIONAL DRAWING

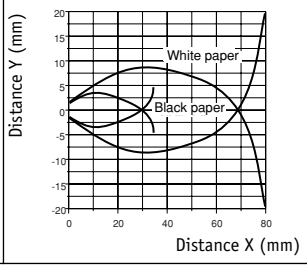


CHARACTERISTIC CURVES

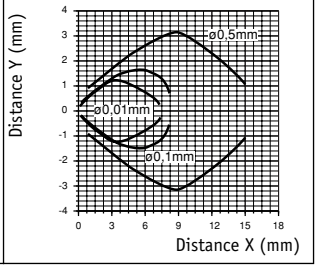
Excess gain



Parallel displacement



Detection area / Ø target

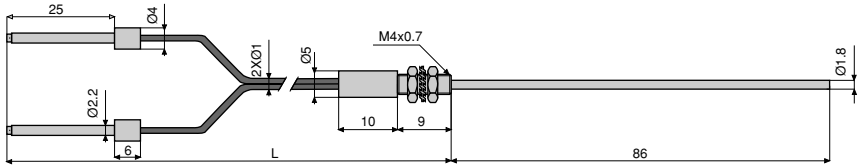


MODEL	CV/CB3-**
diffuse reflection with sleeve (high	



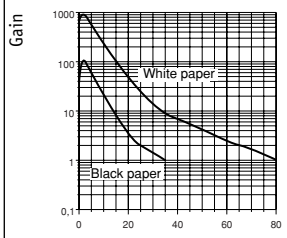
Optical fibre core Ø	1 mm
Distance (with **FS1**)	50 mm
Distance (with **FX2**)	80mm
Fibre length (L)	1 - 2 m
Free-cut	no
Head shape	M4 with sleeve
Protection degree	IEC IP67
Temperature range	-40°....+250°C
Optical fibre materials	glass,ETM,stainless steel
Head materials	nickel-plated brass
Accessories available	none

DIMENSIONAL DRAWING

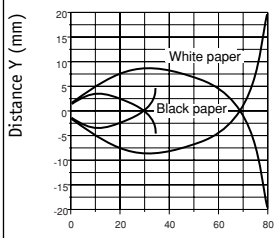


CHARACTERISTIC CURVES

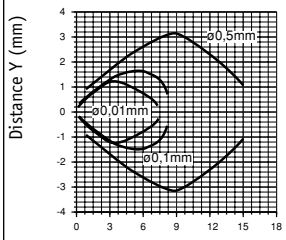
Excess gain



Parallel displacement



Detection area / Ø target

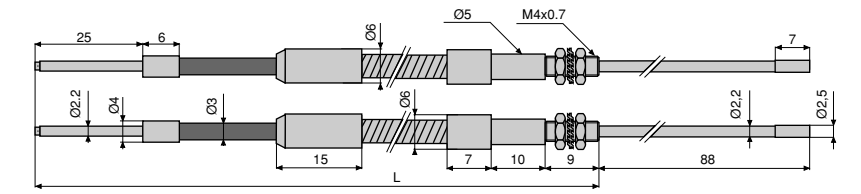


MODEL	CV/RA4-**
through-beam with sleeve (high temp.)	



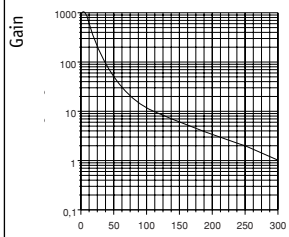
Optical fibre core Ø	1 mm
Distance (with **FS1**)	90 mm
Distance (with **FX2**)	250mm
Fibre length (L)	1 - 2 m
Free-cut	no
Head shape	M4 with sleeve
Protection degree	IEC IP67
Temperature range	-40°....+250°C
Optical fibre materials	glass,ETM,stainless steel
Head materials	nickel-plated brass
Accessories available	nessuno

DIMENSIONAL DRAWING

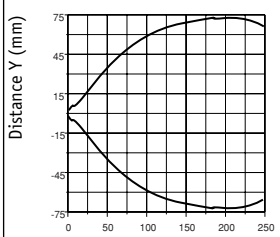


CHARACTERISTIC CURVES

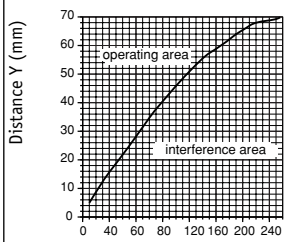
Excess gain



Parallel displacement



Mutal interference

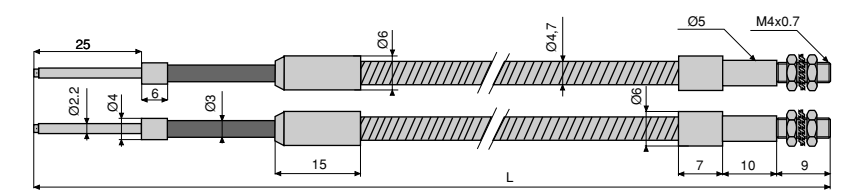


MODEL	CV/RB6-**
through-beam (high temperature)	



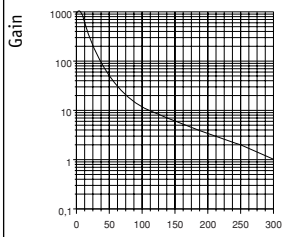
Optical fibre core Ø	1 mm
Distance (with **FS1**)	90 mm
Distance (with **FX2**)	250mm
Fibre length (L)	1 - 2 m
Free-cut	no
Head shape	M4
Protection degree	IEC IP67
Temperature range	-40°....+250°C
Optical fibre materials	glass,ETM,stainless steel
Head materials	nickel-plated brass
Accessories available	see AF series

DIMENSIONAL DRAWING

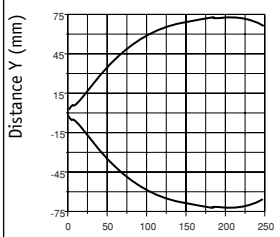


CHARACTERISTIC CURVES

Excess gain



Parallel displacement



Mutal interference

