

# Cubic sensors for use with fiber optics

The **FL 70 R-D** is the high-end sensor for fiber optics with a 4 digit display. It is characterised by simple settings and many additional functions, e.g. fine adjustment of the switch point, inversion of the switch output, adjustment of accuracy and speed, window programming, time functions and tamper-proof protection. The display is always clearly visible thanks to a 180° rotatable screen.

The **FL 70 RA-D** has an analogue output, which is of particular advantage for complex applications such as the connection of a so-called cross-section transformer.

The **FL 70 R** version operates without a display and is a cheap alternative for standard applications.

An easy teach-in function is common to all of the sensor versions.



FL 20

FL 70

Product	Max. scanning range (dep. on fiber optic)	Max. working range (dep. on fiber optic)	Switching frequency	Output			Display	Connection		Size	DIN rail assembly
				NPN	PNP	analogue		plug	cable		
FL 70 R	300 mm	2,000 mm	1,500 Hz	•	•		•		10 × 25 × 84	•	
FL 70 R-D	300 mm	2,000 mm	6,000 Hz	•	•	•	•	•	10 × 25 × 84	•	
FL 70 RA-D	300 mm	2,000 mm	6,000 Hz	•	•	•	•	•	10 × 25 × 84	•	
FL 20 R	80 mm	200 mm	1,000 Hz	•	•			•	12 × 32 × 20		

Our comprehensive range of suitable fiber optics is listed in our brochure "Fibre optics and sensors for fibre optics".