⚙DATALOGIC™

OF50
INSTRUCTION MANUAL

The OF50 fibre-optic is an accessory for the LDμ luminescence detector series.

Bend radius

①	Lens
②	Adapter
③	Setscrew
④	O-ring
⑤	Fibre-optic

M20x0.75

4

44

20

Ø7

63

520

mm

INSTALLATION

To install the OF50 proceed as follows:

- Disconnect the power supply of the sensor.

- Replace the sensor lens with the fibre adapter.

- Insert the fibre-optic into the adapter; the first insertion resistance is due to the O-ring seal; please continue to insert the fibre until it reaches the mechanical stop.

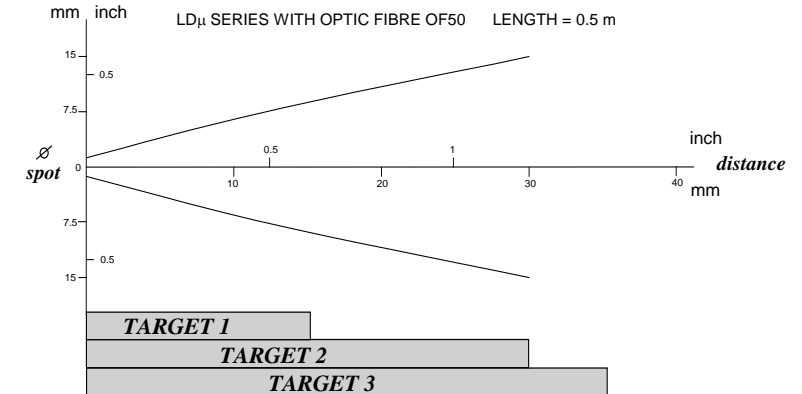- Fix the fibre-optic to the adapter using the setscrew wrench included in the package.

The fibre is made of a liquid solution enclosed in a plastic covering; for a correct functioning of the fibre the bend radius must be greater than 60mm; don't twist or stretch the fibre.
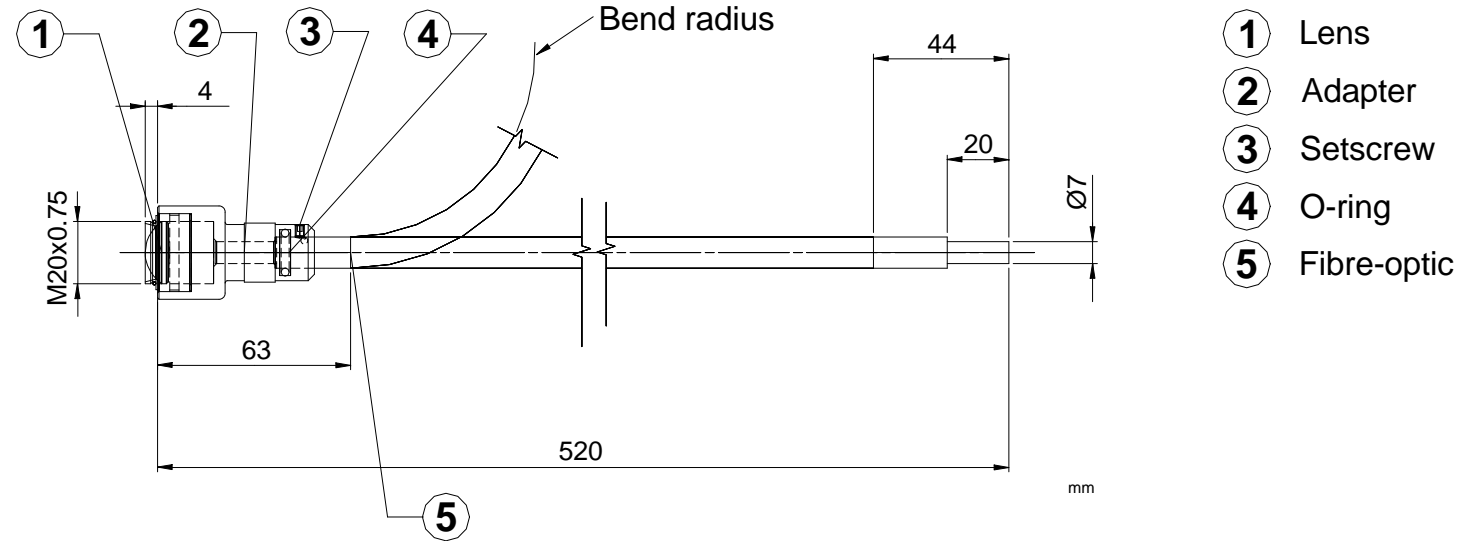
TECHNICAL DATA

Operating and storage temperature:	-5 … +60°C
Covering material:	Plastic
Tip material:	Brass Chrome plated
Adapter material:	Aluminium anodized
Bend radius:	Minimum 60mm
Protection class:	IP64
Weight:	100 g.

READING DIAGRAM

LDμ SERIES WITH OPTIC FIBRE OF50   LENGTH = 0.5 m

mm inch

Ø spot

distance

inch

mm

TARGET 1

TARGET 2

TARGET 3