

## FIBRE OPTICS

### Description

- Ideal for use in explosive areas
- Insensitive to electromagnetic and capacitive influence
- High temperature operation
- Various adaptor types
- Bifurcated or individual fibre construction



### Technical Data

Cover		Silicone / Stainless Steel
Sheath material		Stainless Steel
Sealing		IP 67
Strand diameter		50 $\mu$ m
Bundle diameter		1,0; 2,3; 3,5; 4,0; 4,5 mm
Opening angle		67°
Adaptor Material		Stainless Steel (V2A)
Bending Radius		> 5 x cover diameter
Temperature, Operation	Silicone	-40 to +180 °C
	Stainless Steel	-40 to +300 °C

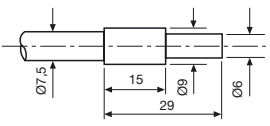
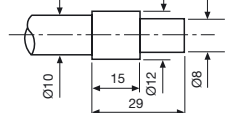
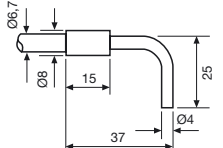
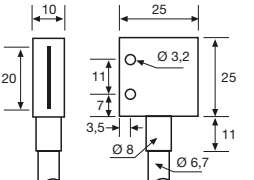
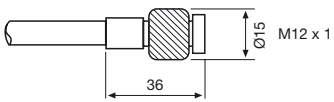
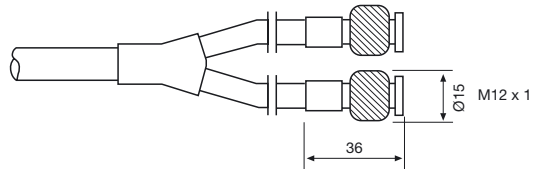
Available types for SMPF 7000 and 8000 Series

Sensing End Tip Dimensions	Active Ø	Adaptor Type	Sensing Mode	Range	Sleeve Material	Silicone	Stainless Steel
					Cable Length	Order Reference	
<p>V2A</p>	1,0 mm	C	Thru Beam	10 cm	0,6 m	LLS 1300	LLM 1300
		D	Diffuse Proximity	0,4 cm		LYS 1301	LYM 1301
<p>Bendable Parts V2A</p>	1,0 mm	C	Thru Beam	60 cm		LLS 1304	LLM 1304
		D	Diffuse Proximity	2,5 cm		LYS 1305	LYM 1305
<p>V2A</p>	2,3 mm	C	Thru Beam	60 cm		LLS 1302	LLM 1302
		D	Diffuse Proximity	2,5 cm		LYS 1303	LYM 1303
<p>V2A</p>	2,3 mm	C	Thru Beam	60 cm		LLS 1310	LLM 1310
		D	Diffuse Proximity	2,5 cm		LYS 1307	LYM 1307
<p>V2A</p>	3,5 mm	C	Thru Beam	75 cm		LLS 1312	LLM 1312
		D	Diffuse Proximity	6 cm		LYS 1313	LYM 1313
<p>V2A</p>	1,0 mm	C	Thru Beam	9 cm	LLS 1314	LLM 1314	
		D	Diffuse Proximity	0,3 cm	LYS 1315	LYM 1315	
<p>V2A</p>	2,3 mm	C	Thru Beam	55 cm	LLS 1318	LLM 1318	
		D	Diffuse Proximity	2,5 cm	LYS 1317	LYM 1317	
<p>V2A</p>	2,3 mm	C	Thru Beam	45 cm	LLS 1362	LLM 1362	
		D	Diffuse Proximity	2,5 cm	LYS 1371	LYM 1371	
<p>Aluminium</p>	0,3 x 20 mm	C	Thru Beam	50 cm	1,5 m	LLS 1370	LLM 1370
		D	Diffuse Proximity	20 mm		LYS 1371	LYM 1371
		C	Thru Beam	20 mm		LLS 1370	LLM 1370
Adaptor Type C – Individual Fibre Construction				Adaptor Type D – Bifurcated Fibre Construction			
(Units in mm)				(Units in mm)			

Telco reserves the right to change specifications without notice.

# FIBRE OPTICS

## Available types for Remote Photoelectric Systems

Sensing End Tip Dimensions	Active Ø	Adaptor Type	Sensing Mode	Range	Sleeve Material	Silicone	Stainless Steel
					Cable Length	Order Reference	
 V2A	4,0 mm	A	Thru Beam	8 m	0,5 m	<b>LLS 1306</b>	<b>LLM 1306</b>
				6 m	1,5 m	<b>LLS 1326</b>	<b>LLM 1326</b>
				7 m	1 m	<b>LLS 1308</b>	<b>LLM 1308</b>
 V2A	4,5 mm	B	Diffuse Proximity	0,7 m	0,5 m	<b>LYS 1309</b>	<b>LYM 1309</b>
				0,6 m	1 m	<b>LYS 1311</b>	<b>LYM 1311</b>
 V2A	2,3 mm	A	Thru Beam	2,5 m	1,5 m	<b>LLS 1316</b>	<b>LLM 1316</b>
 Aluminium	0,3 x 20 mm			1,4 m	0,6 m	<b>LLS 1374</b>	<b>LLM 1374</b>
				1,25 m	1 m	<b>LLS 1368</b>	<b>LLM 1368</b>
Adaptor Type A – Individual Fibre Construction				Adaptor Type B – Bifurcated Fibre Construction			
 (Units in mm)				 (Units in mm)			

**Note:** Range specified using PA 11 amplifier (page 29) in combination with Remote Sensor Series 100 (page 13).