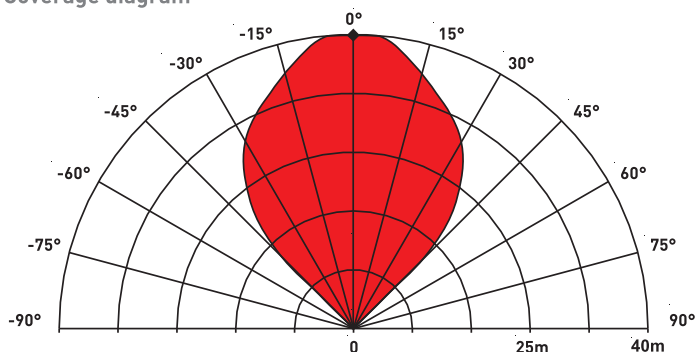




The range of optical flame detectors offers models with multi-point infrared or dual technology (UV + IR) configurations. The detectors are suitable for indoor and outdoor use and even for use in environments with high risk of explosion.

TFDF-EX IR2		EN 54-10	SIL2	ATEX CATEGORY Ex II 2 G D	ATEX ZONE 1 2 21 22	2 x IR DETECTION	CAST ALUMINUM BOX
		Dual infrared (IR2) flame detector Operating range 0.75µm...2.7µm - Outputs: proportional 4-20mA, alarm relay and failure relay - High immunity to light interference - High smoke, vapor and dust tolerance - Programmable response time and sensitivity - Self test - Operating voltage 14V...30V DC - Stand-by consumption 8mA - Operating temperature -10°C...+55°C - EXD - IP66 - Aluminum casing - Dimensions (L x H x D) 146 x 150 x 137mm SIL2, ATEX, EN 54-10 - Certification number 0832-CPR-F0577					
		Item no. TF14TFDFIR2EX					
TFDF-EX IR3		As TFDF-EX IR2 but with triple infrared (IR3) detector SIL2, ATEX, EN 54-10 - Certification number 0832-CPR-F0578					3 x IR DETECTION
		Item no. TF14TFDFIR3EX					
TFDF-EX UVIR2		As TFDF-EX IR2 but with UV and dual infrared (IR2) detectors and operating ranges UV 185nm...260nm, IR 1µm...2.7µm SIL2, ATEX, EN 54-10 - Certification number 0832-CPR-F0579					2 x IR 1 x UV DETECTION
		Item no. TF14TFDFUVIR2EX					

Coverage diagram



DETECTION FEATURES

FLAME COLOR	FLAME SIZE	FLAME DISTANCE	AVERAGE RESPONSE TIME
Yellow	0.3 x 0.3m	25m	12s
White	0.5 x 0.5m	25m	25s
Invisible	0.1 x 0.5m	12m	8s

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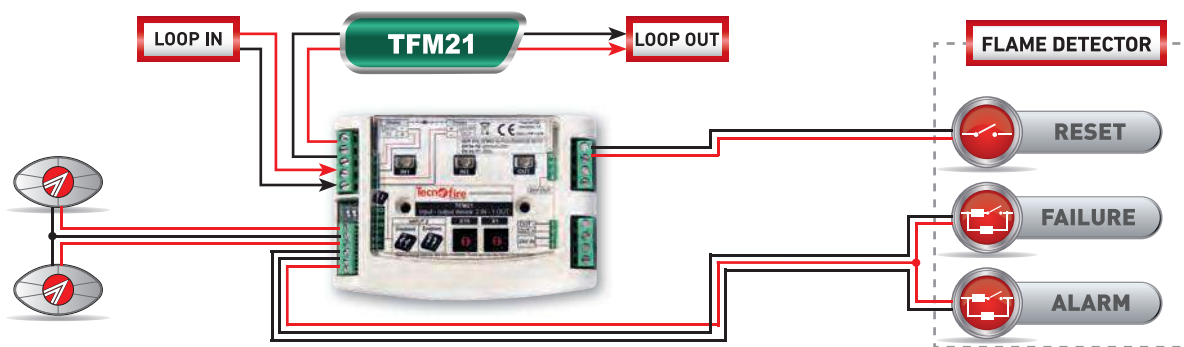
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Connection scheme

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Fax: ۰۲۱-۴۴۹۹۴۶۴۲

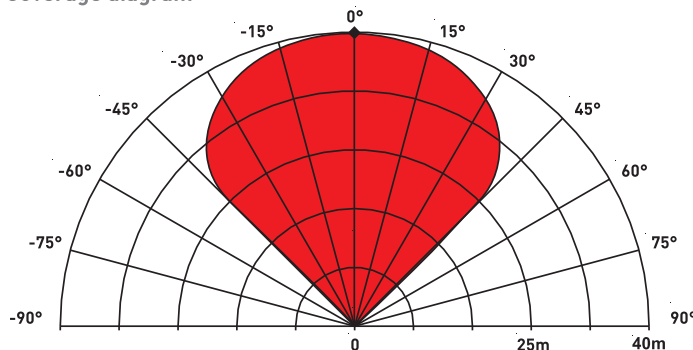
تهران، کیلومتر ۲۱ بزرگراه لشگری (جاده مخصوص کرج)

روبروی پالایشگاه نفت پارس، پلاک ۱۲



TFDF IR2		EN 54-10	SIL2	2 x IR DETECTION	CAST ALUMINUM BOX
	Dual infrared (IR2) flame detector Operating range 0.75µm...2.7µm - Outputs: proportional 4-20mA, alarm relay, signaling relay with potential-free changeover contacts - High immunity to light interference - High smoke, vapor and dust tolerance - Programmable response time and sensitivity - Self test - Operating voltage 14V...30V DC - Stand-by consumption 8mA - Operating temperature -10°C...+55°C - IP66 - Aluminum casing - Dimensions (L x H x D) 108 x 142 x 82mm SIL2, EN 54-10 - Certification number 0832-CPR-F0582				
	Item no. TF14TFDFIR2				
TFDF IR3	As TFDF IR2 but with triple infrared (IR3) detector SIL2, EN 54-10 - Certification number 0832-CPR-F0583				3 x IR DETECTION
	Item no. TF14TFDFIR3				
TFDF UVIR2	As TFDF IR2 but with UV and dual infrared (IR2) detectors and operating ranges UV 185nm...260nm, IR 1µm...2.7µm SIL2, EN 54-10 - Certification number 0832-CPR-F0584				2 x IR 1 x UV DETECTION
	Item no. TF14TFDFUVIR2				

Coverage diagram



DETECTION FEATURES

FLAME COLOR	FLAME SIZE	FLAME DISTANCE	AVERAGE RESPONSE TIME
Yellow	0.3 x 0.3m	25m	12s
White	0.5 x 0.5m	25m	25s
Invisible	0.1 x 0.5m	12m	8s

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OPTICAL FLAME DETECTORS - Accessories

	TFDF-SSAM Mounting bracket adjustable on 2 axes for TFDF series detectors Item no. TF14TFDFSSAM		TFDF-WSSS Protection plate for TFDF-EX series detectors Item no. TF14TFDFWSSS
	TFDF-SSWS Protection plate for TFDF series detectors Item no. TF14TFDFSSWS		TFDF-FT Tester for TFDF and TFDF-EX series detectors Item no. TF14TFDFFT