






















	FT 55-CM-1	FT 55-CM-3			FT 55-CM-4		
	STANDARD	BASIC	STANDARD	ADVANCED	BASIC	STANDARD	ADVANCED
	Glare suppression	Small light spot	Small light spot	Small light spot	High measurement range	High measurement range	High measurement range
HARDWARE							
Measurement range	18 ... 32 mm	18 ... 60 mm	18 ... 60 mm	18 ... 60 mm	20 ... 150 mm	20 ... 150 mm	20 ... 150 mm
Size of light spot	6x6 mm @ 25 mm	4x4 mm @ 40 mm	4x4 mm @ 40 mm	4x4 mm @ 40 mm	8x8 mm @ 60 mm	8x8 mm @ 60 mm	8x8 mm @ 60 mm
Number of switching outputs	3	1	3	5	1	3	5
Number of storable colors	7	1	7	12	1	7	12
Max. switching frequency 	3 ... 500 Hz	3 ... 3000 Hz	3 ... 3000 Hz	3 ... 3000 Hz	3 ... 3000 Hz	3 ... 3000 Hz	3 ... 3000 Hz
Crossed polarizing filters	√	-	-	-	-	-	-
Display	√	√	√	√	√	√	√
External teach-in input 		√			√		
Trigger function 	√	√	√	√	√	√	√
Keylock 	√	√	√	√	√	√	√
SOFTWARE							
Color Mode 	√	√	√	√	√	√	√
Best Fit Mode 	√	-	√	√	-	√	√
Color value output via IO-Link 	√	-	√	√	-	√	√
Binary Mode 	√	-	√	√	-	√	√
Color Scan 	√	√	√	√	√	√	√
Password 	√	√	√	√	√	√	√
Tolerance easily adjustable in 9 steps 	√	√	√	√	√	√	√
Tolerance fine adjustment via RGB channel 	√	√	√	√	√	√	√
PNP / NPN / Auto-Detect conversion 	√	√	√	√	√	√	√
Energy evaluation on / off 	√	√	√	√	√	√	√
Distance correction up to 60 mm 	√	√	√	√	√	√	√
Connect colors C+ / C- 	√	-	√	√	-	√	√
Detection of dark black objects	-	√	√	√	√	√	√
SMART FUNCTIONS							
On Delay 	√	√	√	√	√	√	√
Off Delay 	√	√	√	√	√	√	√
Impulse 	√	√	√	√	√	√	√
Counter 	√	√	√	√	√	√	√
INTERFACES							
IO-Link (COM 2) 	√	√	√	√	√	√	√
DESIGNATION							
Article number	625-11001	625-11012	625-11011	625-11010	625-11022	625-11021	625-11020
Part number	FT 55-CM-1-PNSDL-L5M	FT 55-CM-3-PNSDL-L4M	FT 55-CM-3-PNSDL-L5M	FT 55-CM-3-PNSDL-L8M	FT 55-CM-4-PNSDL-L4M	FT 55-CM-4-PNSDL-L5M	FT 55-CM-4-PNSDL-L8M