INDEX

Fiber Selection Guide	Choose by model	**2**
	Choose by shape/application	**3**
	How to read Model No.	**4**
	Earlier model comparison table	**6**
New Product Introduction	Tough Fiber	**8**
Fibers	Super Quality	**10**
	Threaded Type	**12**
	Square Head Type	**14**
	Cylindrical Type	**16**
	Sleeve	**18**
	Flat Type	**20**
	Small Spot	**22**
	Narrow Beam	**24**
	Wide Beam	**25**
	Convergent Reflective Type	**26**
	Retroreflective Type	**27**
	Chemical / Oil-resistant	**28**
	Heat-resistant	**30**
	Vacuum-resistant	**32**
	Liquid Leak / Liquid Detection	**34**
Fiber Options		**42**
Semi-custom Fibers		**46**
Fiber Dimensions	Thru-beam Type	**48**
	Retroreflective Type	**55**
	Reflective Type	**56**
	Others	**66**
Amplifiers	**FX-500** series Ver.2	**70**
	FX-100 series	**98**
INDEX		**112**

Fiber Selection Guide

Choose by model

Thru-beam type

Model No.	Page	
	Sensing range Specifications	Dimensions
FT-140	P.12	P.48
FT-30	P.11	
FT-31	P.12	
FT-31S	P.19	
FT-31W	P.12	
FT-40	P.11	
FT-42	P.12	
FT-42S	P.19	
FT-42W	P.12	
FT-43		
FT-45X		P.49
FT-A11	P.25	
FT-A11W		
FT-A32		
FT-A32W		
FT-AL05		
FT-E13	P.16/P.19	
FT-E23		
FT-F93	P.35	
FT-H13-FM2	P.30	
FT-H20-J20-S		P.50
FT-H20-J30-S		
FT-H20-J50-S		
FT-H20-M1		
FT-H20-VJ50-S		
FT-H20-VJ80-S		
FT-H20W-M1		
FT-H30-M1V-S	P.32	
FT-H35-M2	P.30	
FT-H35-M2S6		
FT-HL80Y	P.29	
FT-KS40	P.24	P.51
FT-KV26		
FT-KV40		
FT-KV40W		
FT-L80Y	P.29	
FT-R31	P.15	
FT-R40	P.12	
FT-R41W	P.15	
FT-R42W		
FT-R43		
FT-R44Y	P.15/P.29	P.52
FT-R60Y		
FT-S11	P.16	
FT-S20	P.11	
FT-S21	P.16	
FT-S21W		
FT-S30	P.11	
FT-S31W	P.16	
FT-S32		
FT-V23	P.19	P.53
FT-V24W		
FT-V25		
FT-V30		
FT-V40	P.16	
FT-V80Y	P.29	
FT-Z20HBW	P.20	
FT-Z20W		

Model No.	Page	
	Sensing range Specifications	Dimensions
FT-Z30	P.20	P.53
FT-Z30E		
FT-Z30EW		
FT-Z30H		P.54
FT-Z30HW		
FT-Z30W		
FT-Z40HBW		
FT-Z40W		
FT-Z802Y	P.29	

Retroreflective type

Model No.	Page	
	Sensing range Specifications	Dimensions
FR-KZ22E	P.24/P.27	P.55
FR-KZ50E		
FR-KZ50H		
FR-Z50HW		

Reflective type

Model No.	Page	
	Sensing range Specifications	Dimensions
FD-30	P.11	P.56
FD-31	P.13	
FD-31W		
FD-32G	P.13/P.23	
FD-32GX		
FD-40	P.11	
FD-41	P.13	
FD-41S	P.19	
FD-41SW		
FD-41W	P.13	
FD-42G	P.13/P.23	P.57
FD-42GW		
FD-60	P.11	
FD-61	P.13	
FD-61G		
FD-61S	P.19	
FD-61W	P.13	
FD-62		
FD-64X		P.58
FD-A16	P.25	
FD-AL11		
FD-E13	P.17/P.19	
FD-E23		
FD-EG30	P.13/P.23	
FD-EG30S	P.19	P.59
FD-EG31	P.13/P.23	
FD-F4	P.35	
FD-F41		
FD-F41Y		
FD-F71		
FD-F8Y		
FD-FA93		
FD-H13-FM2	P.31	P.60
FD-H18-L31		
FD-H20-21		
FD-H20-M1		
FD-H25-L43		
FD-H25-L45		

Model No.	Page	
	Sensing range Specifications	Dimensions
FD-H30-KZ1V-S	P.32	P.61
FD-H30-L32	P.31	
FD-H30-L32V-S	P.32	
FD-H35-20S	P.31	
FD-H35-M2		
FD-H35-M2S6		
FD-HF40Y	P.35	
FD-L10	P.26	P.62
FD-L11		
FD-L12W		
FD-L20H		
FD-L21		
FD-L21W		
FD-L22A		
FD-L23		
FD-L30A		
FD-L31A		
FD-L32H		P.63
FD-R31G	P.15/P.23	
FD-R32EG		
FD-R33EG		
FD-R34EG		
FD-R41	P.15	
FD-R60	P.13	
FD-R61Y	P.15/P.29	
FD-S21	P.17	
FD-S30	P.11	P.64
FD-S31	P.17	
FD-S32		
FD-S32W		
FD-S33GW		
FD-S60Y	P.29	
FD-V30	P.19	
FD-V30W		
FD-V50		P.65
FD-Z20HBW	P.21	
FD-Z20W		
FD-Z40HBW		
FD-Z40W		
FD-Z50HW	P.24	