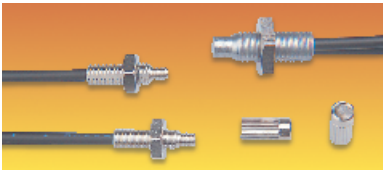


Fibre Leads



175-552, 722-6536: Thread = M6 0.75
 176-349: L = 9, Dia. = 4
 175-553, 722-6548: Threads = M4 0.7

- Suitable for use with E3S-X3, E3X-A and E3X-NT/NM series amplifiers and similar
- Leads have threaded sensing heads
- Can be cut to required length with tool supplied
- Lens attachment greatly increases sensing distance (typically from 200mm to 1500mm using E32-TC200)
- Extra flexible multi-core fibre has 1mm bending radius with no reduction in light transmission
- Extra flexible fibre is as flexible as electric wiring, allows neater wiring

Sensing distance (min.) – Standard fibre

E3S-X3 Amplifier	Diffused 50mm, Separate 120mm
E3X-A Amplifier	Diffused 75mm, Separate 200mm
E3X-NT/NM Amplifiers	Diffused 100mm, Separate 270mm

Sensing distance (min.) – Extra flexible fibre

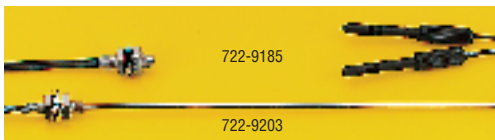
E3X-A Amplifier	Diffused 45mm, Separate 140mm
E3X-NT Amplifier	Diffused 65mm, Separate 200mm
E3X-NM Amplifier	Diffused 60mm, Separate 180mm

Fibre length: 2m cuttable to length, (dia. 2.2)
 Permissible bending radius: Standard = 25mm, Extra flexible = 1mm
 Temperature range: -40°C to +70°C

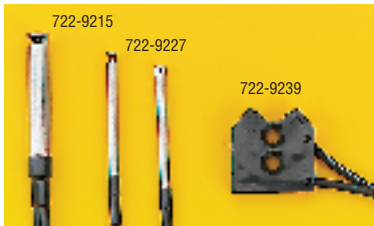
SEN164X

Standard	Mftrs. List No.	Order Code	Price Each		
			1+	5+	10+
Diffused	E32-DC200	.175-552			
Separate	E32-TC200	.175-553			
Extra Flexible					
Diffused	E32-D11R	722-6536			
Separate	E32-T11R	722-6548			
Lens attachment	E39F1	176-349			

Fibre Leads – Alternative Sensor Heads



Thread = M3 0.5, L = 11; Flexible tube = 0.9 dia, L = 90; Optical fibre L = 2m, Dia. = 1.0



Side view heads L = 30, Dia. = 6 (diffuse), 3 (separate)
 Fixed focus head H = 20, W = 20, D = 5, F.C. = 6.5, Optical fibre L = 2m, Dia. = 2.2

Fibre leads for use with Omron fibre optic amplifiers and similar.
 All fibres are 2m long and may be cut to required length with tool supplied.

Sensing distance (with E3X-A amplifier)	E32-DC200E = 18mm, E32-DC200F = 18mm, E32-TC200E = 50mm, E32-L25 = 3.3mm, E32-D14L = 40mm, E32-T14L = 120mm
Optical fibre	Black polyethylene, 25mm bending radius
Operating temperature	-40°C to +70°C

SEN334

Small Object Sensing (M3)	Mftrs. List No.	Order Code	Price Each		
			1+	5+	10+
Diffuse	E32-DC200E	.722-9185			
Separate	E32-TC200E	.722-9197			
Flexible Fine Tube Head					
Diffuse	E32-DC200F	.722-9203			
Side View, Long Distance					
Diffuse	E32-D14L	.722-9215			
Separate	E32-T14L	.722-9227			
Fixed Focus Head					
Diffuse	E32-L25	.722-9239			

Fibre Leads



Asian Selection

New



SEN411/SI

Standard Through Beam	Mftrs. List No.	Order Code	Price Each	
			1+	5+
M4-Screw Flexible	E32-T11L 2M	357-9621		
M3-Screw Long Distance	E32-T21L 2M	357-9633		
2mm Diameter	E32-T22 2M	357-9645		
1mm Diameter side view	E32-T24 2M	357-9657		
M4 Screw Heat Resistant	E32-T61 2M	357-9669		
M3-Screw General-Purpose	E32-TC200A 2M	357-9670		
Standard Reflective				
M6-Screw Long Distance	E32-D11L 2M	357-9682		
3mm Diameter Long Distance	E32-D12 2M	357-9694		
M3 Screw Flexible	E32-D21 2M	357-9700		
M4 Screw Long Distance	E32-D21L 2M	357-9712		
2mm Diameter Side-View	E32-D24 2M	357-9724		
2mm Diameter General Purpose	E32-D32 2M	357-9736		
3mm/0.8mm Diameter Super Thin	E32-D33 2M	357-9748		
M6 Screw Heat-Resistance 150°	E32-D51 2M	357-9750		
M6 Screw Heat-Resistance 300°	E32-D61 2M	357-9761		
Accessories				
Fiber Connector	E39-F10	357-9773		
Fiber-Cutter Inclusive in Sensor	E39-F4	357-9785		

Subminiature – F2 Series



Cable type: L = 73, W = 10, D = 8.2
 Connector type: L = 65.7, W = 10, D = 8.2
 Bracket: Surface/DIN rail mount

- Unique 'cigarette' size and shape suitable for many space sensitive applications
- Sensitivity adjustment is by potentiometer on the device
- Red operation LED and a green stability LED for accurate setting
- Light-on, dark-on output is switch selectable
- Device can be screwed down or clipped onto DIN rail using the mounting bracket supplied
- ABS casing sealed to IP65

Amplifier has visible red light source and is designed to be used in conjunction with Seeka-Takex® fibres shown below. Connection is either by 2 metres integral cable or by M8 snap-lock connector supplied with 2 metres of mating connected cable.

Supply voltage	12 to 24V dc ± 10%	Response time	0.5ms
Current consumption	25mA	Light source	Red LED (660nm)
Output	NPN or PNP open collector 100mA (30V dc)	Temperature range	-25°C to +55°C

Mftrs. List No.	F2R-NPN = 279-675, F2R-PNP = 279-687, F2R-NPN-J = 532-599, F2R-PNP-J = 532-605
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SEN109X

Cable Type	Output	Order Code	Price Each		
			1+	5+	10+
Integral	NPN	279-675			
Integral	PNP	.279-687			
Connected	NPN	532-599			
Connected	PNP	532-605			

Continued