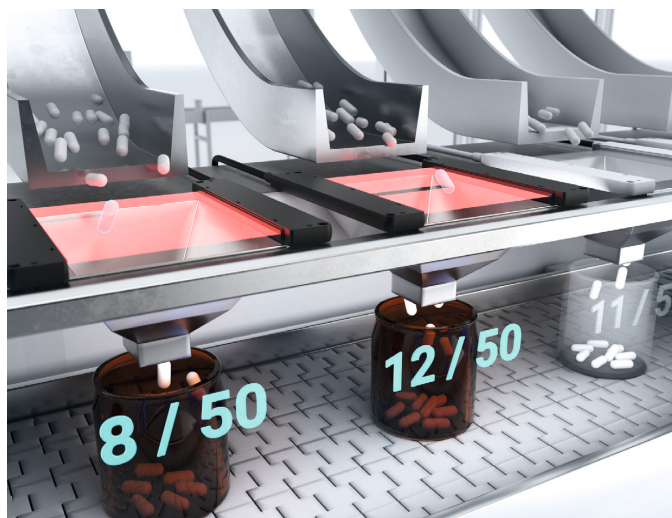


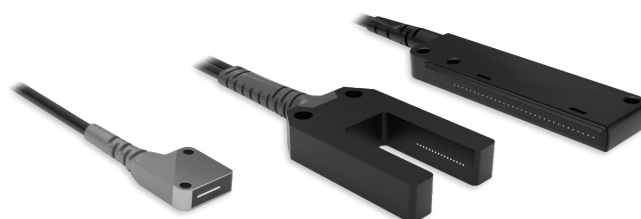
Baumer fiber optics

Overview of array plastic fiber portfolio



Array fiber optics are used for position-independent detection of irregular objects. Unlike fiber optics with a single, point-shaped light beam, array fiber optics generate a broad, linear light band. Depending on the width of the array fiber optics and the operating principle, the maximum detection

area can be adjusted in both the x and y directions. Array fiber optics with an integrated lens feature a small opening angle of 3°. This results in a parallel, homogeneous light band, an even distribution of light intensity, and an extended range.



Find the perfect solution for your application with the Baumer fiber optics sensor toolbox.

Array plastic fibers

	Diffuse type				Through-beam type		
	Side view		Front view		Side view	Front view	
Array width	Standard	Integrated lens	Standard	Integrated lens	Standard	Integrated lens	Standard
4.24 mm					FSE 200CA040		FSE 200CA041
5.25 mm	FUE 200DA050		FUE 200DA051				FSE 200C6Y00
10 mm				FKE 200CA100			
14.5 mm			FUE 200CA150				FSE 200CA150
15 mm			FUE 200C6Y00				
18 mm						FPE 200CA180	
20 mm		FKE 200CA200					
40 mm	FUE 200CA400					FPE 200CA400	
60 mm		FKE 200CA600					
100 mm	FUE 200CAA00						FSE 200CAA00

Fork-type array plastic fibers

	Through-beam type
Array width	Standard
10 mm	FSE 200CA100
30 mm	FSE 200CA300

The **first three numbers** of the type code indicate the length of the fiber optics, e.g. FUE **200**DA050 indicates a length of 200 cm. All types are compatible with fiber optic sensors FVDK 10 and OF10.

