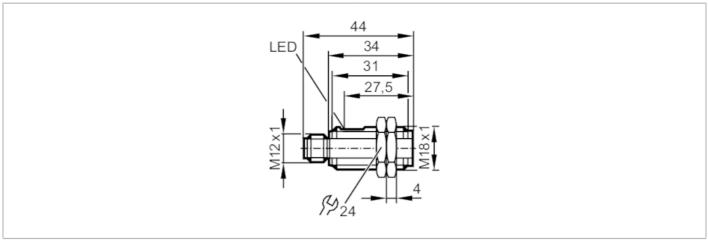
OGE102

Through-beam sensor receiver

OGE-DNKG/US







Application					
Function principle		Through-beam sensor			
Electrical data					
Operating voltage	[V]	1030 DC			
Current consumption	[mA]	8			
Protection class		III			
Reverse polarity protection		yes			
Type of light		red light			
Outputs					
Electrical design		NPN			
Output function		dark-on mode			
Max. voltage drop switching output DC	[V]	2.5			
Permanent current rating of switching output DC	[mA]	200			
Switching frequency DC	[Hz]	1000			
Short-circuit protection yes		yes			
Overload protection		yes			
Detection zone					
Transmitter / receiver		receiver			
Range	[m]	< 8			
Range adjustable		no			
Operating conditions					
Ambient temperature	[°C]	-2560			
Protection		IP 67; (in conjunction with a corresponding connector)			
Tests / approvals					
EMC		EN 60947-5-2			
MTTF	[years]	1320			

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Through-beam sensor receiver





Mechanical data					
Weight	[g]	15.6			
Housing		threaded type			
Dimensions	[mm]	M18 x 1 / L = 44			
Thread designation		M18 x 1			
Materials		housing: ABS			
Lens material		PMMA			

Lens material	PMMA		
Displays / operating elements			
Display	switching status	1 x LED, yellow	
Accessories			
Accessories (supplied)	lock nuts: 2 x		
Remarks			
Pack quantity	1 pcs.		

Electrical connection

Connector: 1 x M12



Connection

