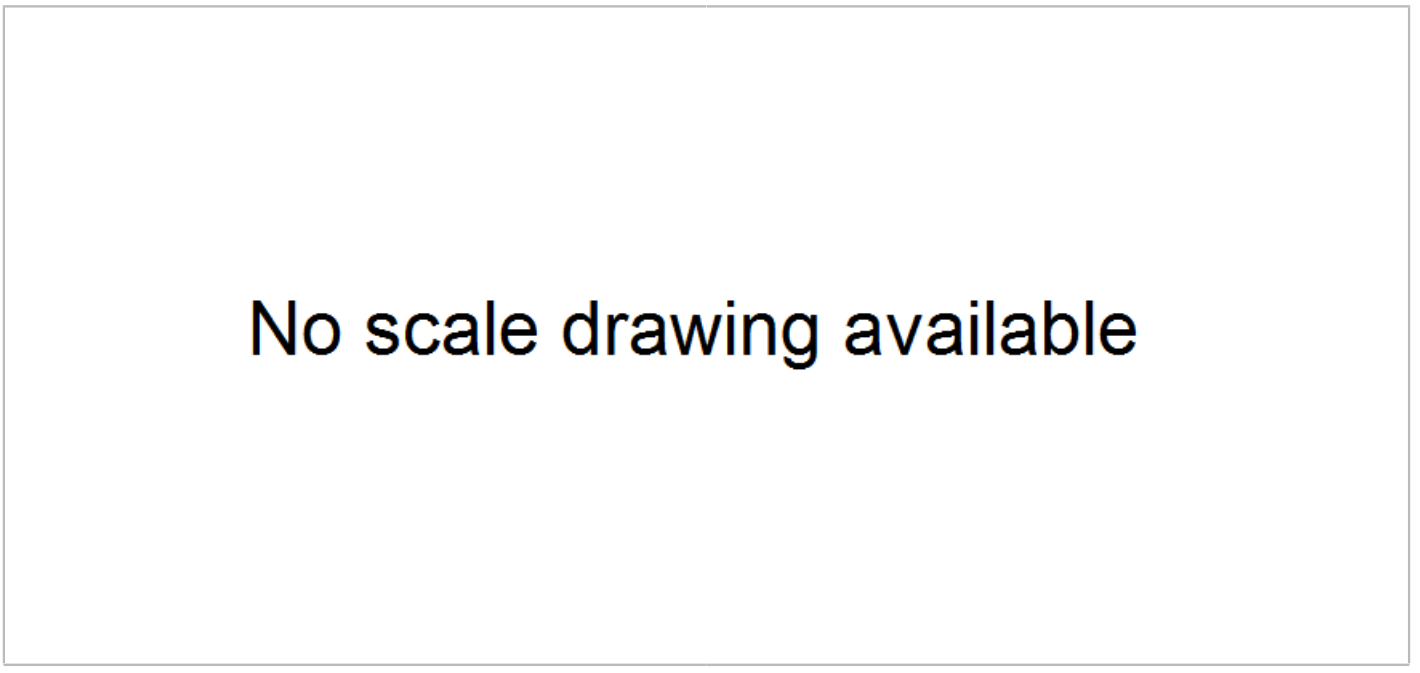
OP5035

Retro-reflective sensor

OPR-FNKG

Article no longer available - archive entry



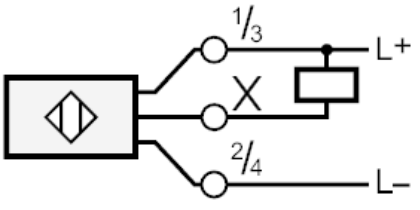
Product characteristics		
Type of light		infrared light
Housing		rectangular
Application		
Function principle		Retro-reflective sensor
Electrical data		
Operating voltage	[V]	10...55 DC
Current consumption	[mA]	12; ((24 V))
Protection class		II
Reverse polarity protection		yes
Type of light		infrared light
Wave length	[nm]	880
Outputs		
Electrical design		NPN
Output function		light-on/dark-on mode; (parameterisable)
Max. voltage drop switching output DC	[V]	2.5
Permanent current rating of switching output DC	[mA]	250
Switching frequency DC	[Hz]	80
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes
Detection zone		
Range	[m]	0.15...10; (Prismatic reflector Ø 80 E20005)

OP5035

Retro-reflective sensor

OPR-FNKG

Range referred to prismatic reflector	[m]	0.15...10; (Prismatic reflector Ø 80 E20005)	
Range adjustable		yes	
Operating conditions			
Ambient temperature	[°C]	-20...80	
Protection		IP 65	
Tests / approvals			
EMC		EN 60947-5-2	
		EN 55011	class B
Mechanical data			
Housing		rectangular	
Dimensions	[mm]	86 x 28 x 142	
Materials		PPO modified	
Lens material		glass	
Displays / operating elements			
Display		switching status	1 x LED, yellow
Remarks			
Pack quantity		1 pcs.	
Electrical connection			

terminals: ...1.5 mm²

Connection