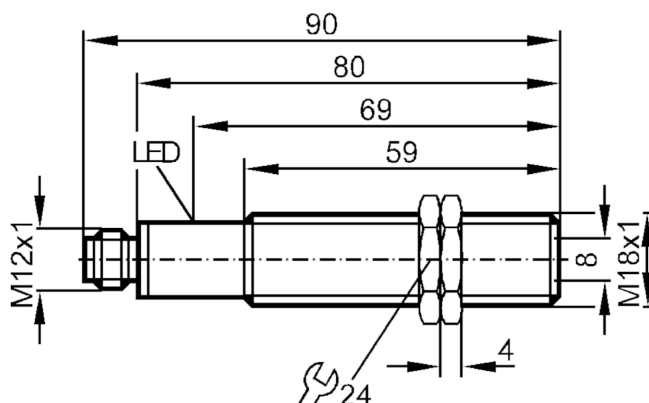


Diffuse reflection sensor

OGT-HNKG/US-100-DNS

Article no longer available - archive entry



Product characteristics

Housing	threaded type
---------	---------------

Application

Function principle	Diffuse reflection sensor
--------------------	---------------------------

Electrical data

Operating voltage	[V]	10...55 DC
Current consumption	[mA]	10; ((24 V))
Protection class		II
Reverse polarity protection		yes

Outputs

Electrical design		NPN
Output function		light-on mode
Max. voltage drop switching output DC	[V]	2.5
Permanent current rating of switching output DC	[mA]	250
Switching frequency DC	[Hz]	160
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes

Detection zone

Range	[mm]	< 100; (white paper 200 x 200 mm)
-------	------	-----------------------------------

Operating conditions

Ambient temperature	[°C]	-25...80
---------------------	------	----------



Diffuse reflection sensor

OGT-HNKG/US-100-DNS

Protection	IP 65	
Tests / approvals		
EMC	EN 60947-5-2	
	EN 55011	class B
Mechanical data		
Housing	threaded type	
Dimensions [mm]	M18 x 1	
Thread designation	M18 x 1	
Materials	brass nickel-plated	
Lens material	glass	
Displays / operating elements		
Display	switching status	1 x LED, yellow
Accessories		
Items supplied	lock nuts: 2	
Remarks		
Pack quantity	1 pcs.	

Electrical connection

Connector: 1 x M12; coding: A



Connection

