

Sensori fotoelettrici miniaturizzati – serie DG

Miniature photoelectric sensors – DG series

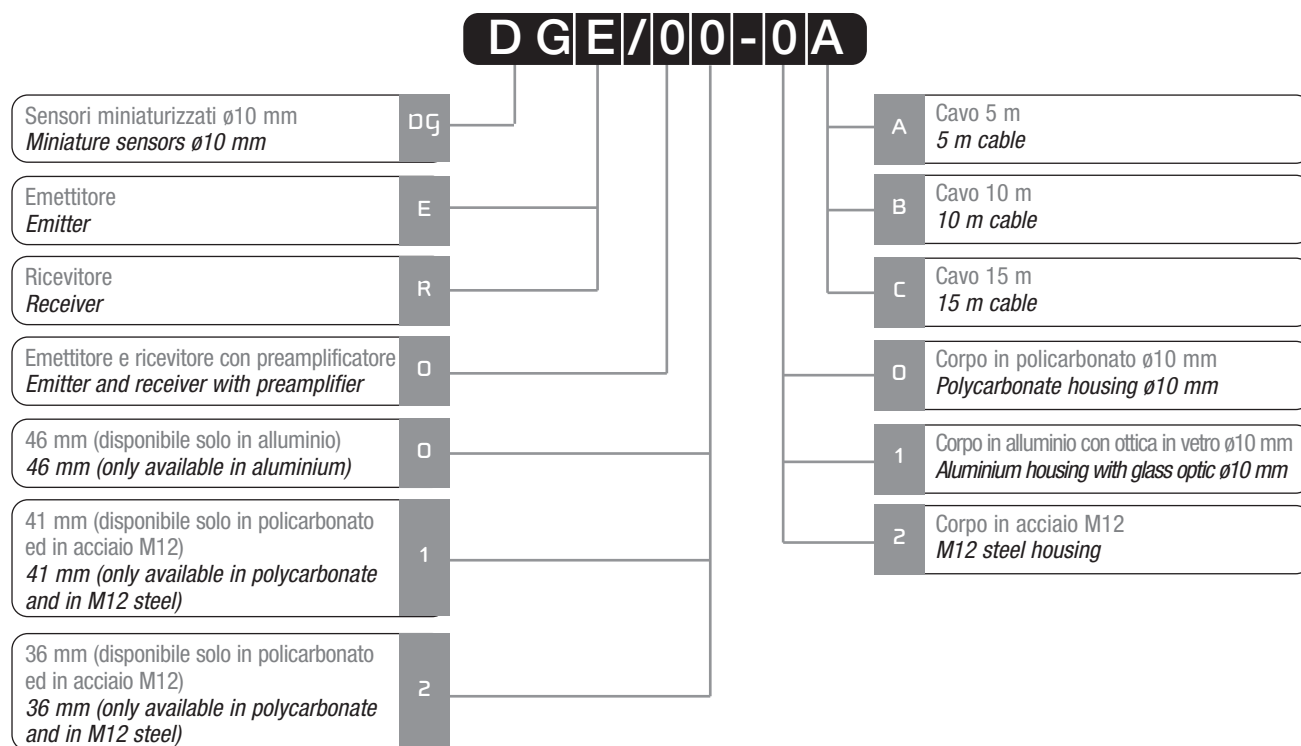


CE

Caratteristiche principali Main features

- > Sensori IP68 per applicazioni in ambienti estremamente gravosi
- > IP68 photoelectric sensors for applications in harsh environment
- > Distanza di rilevazione 60 m (HI), 30 m (LO)
- > Sensing distance 60 m (HI), 30 m (LO)
- > Approvazioni: CE
- > Approvals: CE

Descrizione del codice - Code structure



Modelli disponibili - Available models

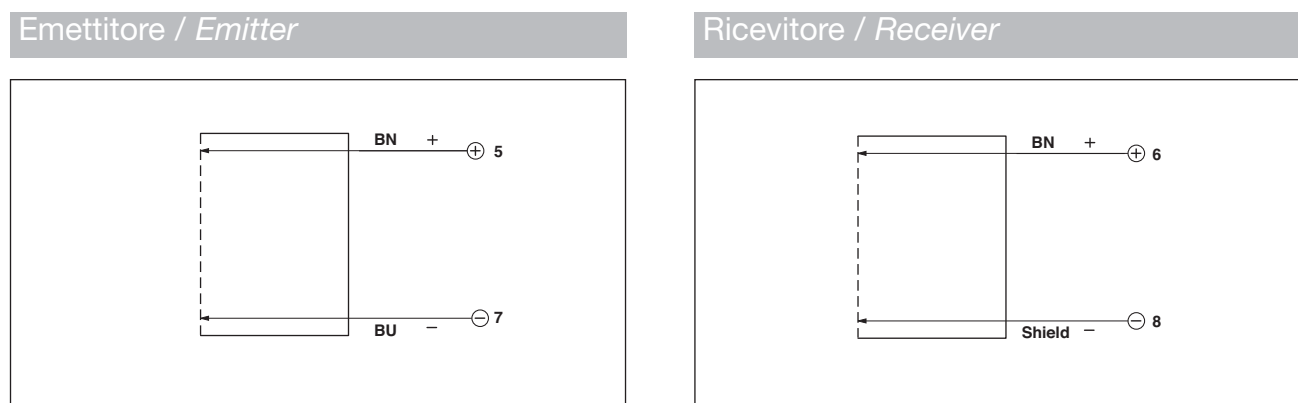
Corpo / Housing	Lunghezza contenitore Housing length	Emettitore / Emitter			Ricevitore / Receiver		
		Cavo 5 m 5 m cable	Cavo 10 m 10 m cable	Cavo 15 m 15 m cable	Cavo 5 m 5 m cable	Cavo 10 m 10 m cable	Cavo 15 m 15 m cable
Corpo in policarbonato ø10 mm Polycarbonate housing ø10 mm	41 mm	DGE/01-0A	DGE/01-0B	DGE/01-0C	DGR/01-0A	DGR/01-0B	DGR/01-0C
	36 mm	DGE/02-0A	DGE/02-0B	DGE/02-0C	DGR/02-0A	DGR/02-0B	DGR/02-0C
Corpo in alluminio con ottica in vetro ø10 mm Aluminium housing with glass optic ø10 mm	46 mm	DGE/00-1A	DGE/00-1B	DGE/00-1C	DGR/00-1A	DGR/00-1B	DGR/00-1C
Corpo in acciaio M12 M12 stainless steel	41 mm	DGE/01-2A	DGE/01-2B	DGE/01-2C	DGR/01-2A	DGR/01-2B	DGR/01-2C
	36 mm	DGE/02-2A	DGE/02-2B	DGE/02-2C	DGR/02-2A	DGR/02-2B	DGR/02-2C

Specifiche (In accordo con IEC EN 60947-5-2) - Specifications (According to IEC EN 60947-5-2)

Modello / <i>Model</i>	DG*/1-0*	DG*/2-0*	DG*/0-1*	DG*/1-2*	DG*/2-2*
Lunghezza contenitore / <i>Housing length</i>	41 mm	36 mm	46 mm	41 mm	36 mm
Distanza di rilevazione / <i>Sensing distance</i>	75 m	32 m	60 m	75 m	32 m
Emissione / <i>Emission</i>	infrarosso / <i>infrared</i> (880 nm)				
Tensione di alimentazione / <i>Operating voltage</i>	dall'unità UR o URS / <i>from UR or URS unit</i>				
Angolo fascio / <i>Beam angle</i> ⁽¹⁾	±5°*	±10°*	±5°*	±5°*	±10°*
Interferenza alla luce esterna <i>Interference to external light</i>	20000 lux				
Limiti di temperatura / <i>Temperature range</i>	-20°C...+60°C				
Grado di protezione <i>Protection degree</i>	IP67 (EN60529)				
Tipo contenitore / <i>Housing type</i>	ø10 mm			M12	
Materiale contenitore / <i>Housing material</i>	Policarbonato <i>Polycarbonate</i>		Alluminio anodizzato <i>Anodized aluminium</i>	Acciaio <i>Steel</i>	
Materiale lente / <i>Lens material</i>	Policarbonato / <i>Polycarbonate</i>		Vetro / <i>Glass</i>	Policarbonato / <i>Polycarbonate</i>	
Materiale cavo / <i>Cable exit material</i>	PVC				

⁽¹⁾ Vedi curve caratteristiche / see characteristic curves

Schemi elettrici delle connessioni - Electrical diagrams of the connections

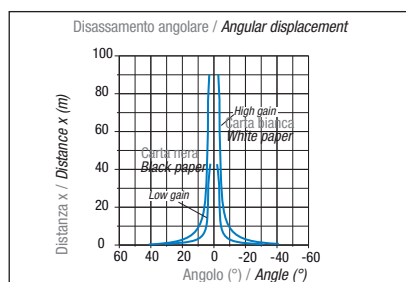


Legenda
Key

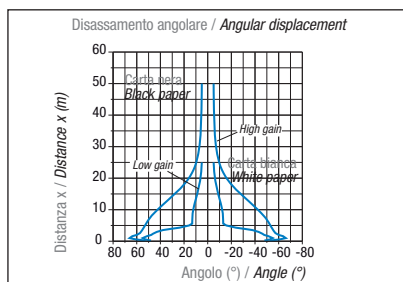
BN → marrone/brown BU → blu/blue

Curva di risposta - Response diagram

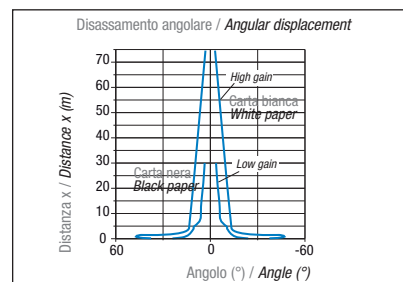
DG*/1-**



DG*/2-**

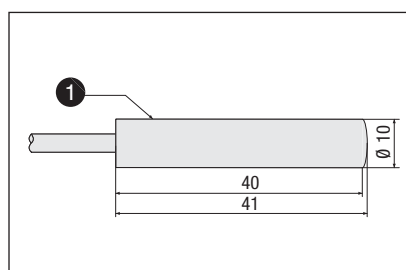


DG*/0-1*

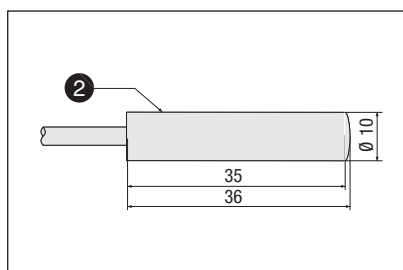


Dimensioni - Dimensions

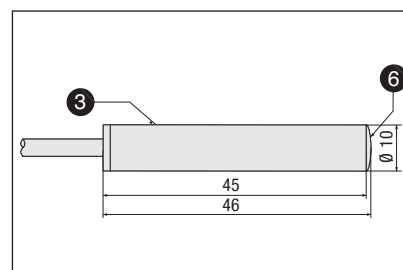
DG*/1-0*



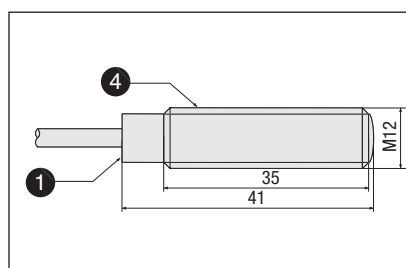
DG*/2-0*



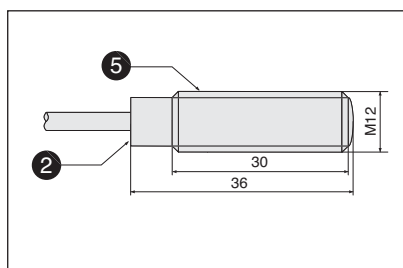
DG*/0-1*



DG*/1-2*



DG*/2-2*



Legenda / Key

- ① Contenitore in Policarbonato 41 mm con lente
Polycarbonate housing and lens 41 mm
- ② Contenitore in Policarbonato 36 mm con lente
Polycarbonate housing and lens 36 mm
- ③ Contenitore metallico 46 mm (alluminio nero anodizzato)
Metal housing 46 mm (black anodized aluminium)
- ④ Contenitore metallico M12 da 41 mm
M12 Metal housing 41 mm
- ⑤ Contenitore metallico M12 da 36 mm
M12 Metal housing 36 mm
- ⑥ Lente in vetro
Glass lens

Cavo 1 x 0,14 mm² + shield, Ø3,1 mm, PVC (DGR)
Cavo 2 x 0,22 mm², Ø3,75 mm, PVC (DGE)
Cable 1 x 0,14 mm² + shield, Ø3,1 mm, PVC (DGR)
Cable 2 x 0,22 mm², Ø3,75 mm, PVC (DGE)