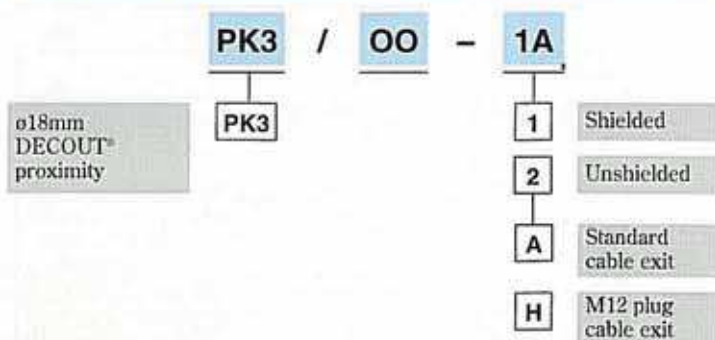


DECOU[®] NPN-PNP-NO-NC multifunction isolated output inductive proximity switch

- $\phi 18 \times 60\text{mm}$
- Shielded and unshielded models
- IP67 nickel-plated brass housing
- Short-circuit protection
- Rear-mounted LED operation indicator
- Nominal sensing range shielded 5mm
- Unshielded 8mm



Options and ordering codes

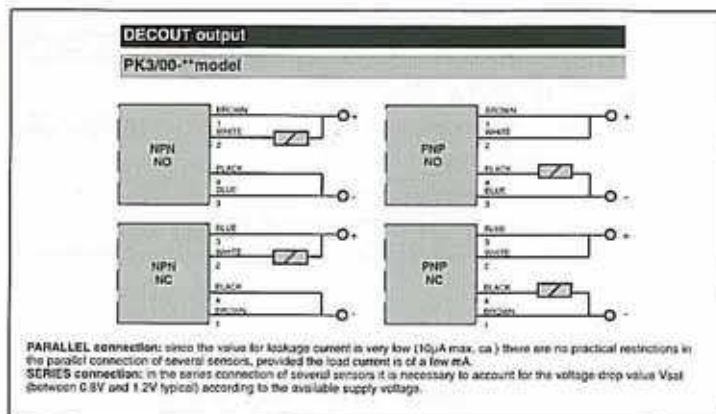


Other cable options:

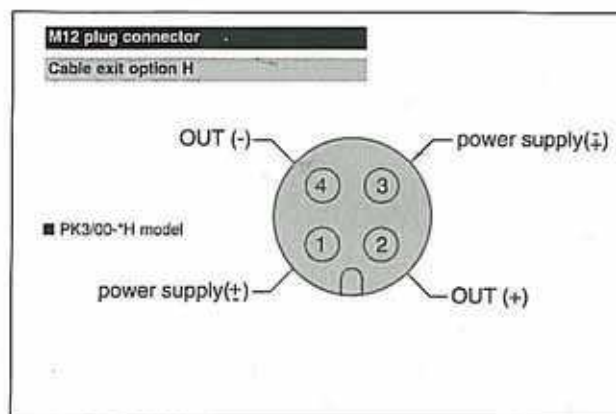
Right angle cable Customised cables
Please contact IMO for price and availability

Please see – Full specification page 253
Connector leads page 261
Mounting brackets page 259

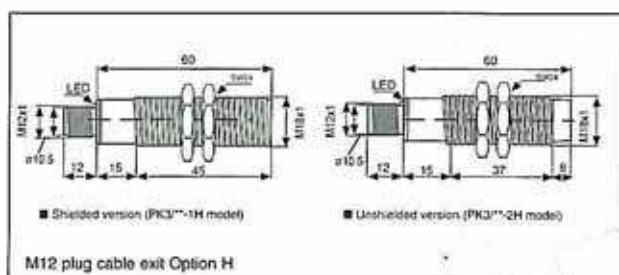
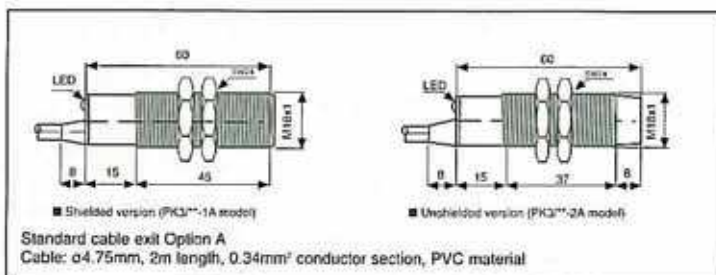
Wiring connections



Plug-pin connections



Dimensions (mm)



DECOUT® NPN-PNP-NO-NC multifunction isolated output inductive proximity switch

- $\phi 12 \times 60\text{mm}$
- Shielded and unshielded models
- IP67 nickel-plated brass housing
- Short-circuit protection
- Rear-mounted LED operation indicator
- Additional cable exit options available
- Nominal sensing range PM3 shielded 2mm
- Unshielded 4mm



Options and ordering codes

PM3	/	00	-	1A
PM3				
$\phi 12\text{mm}$ DECOUT® proximity				
			1	Shielded
			2	Unshielded
			A	Standard cable exit
			H	M12 plug cable exit

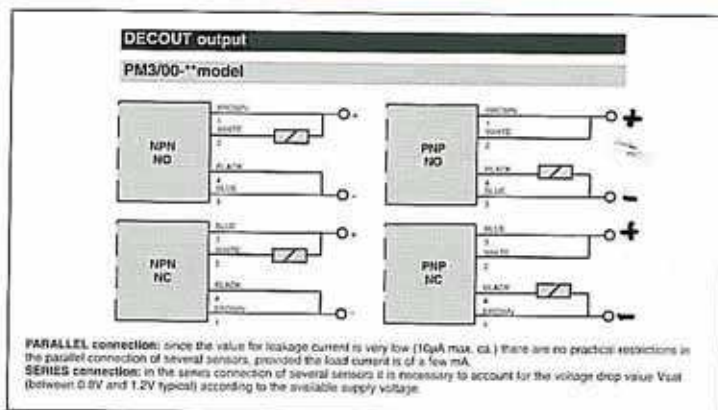
Price

Please see – Full specification page 253
Connector leads page 261
Mounting brackets page 259

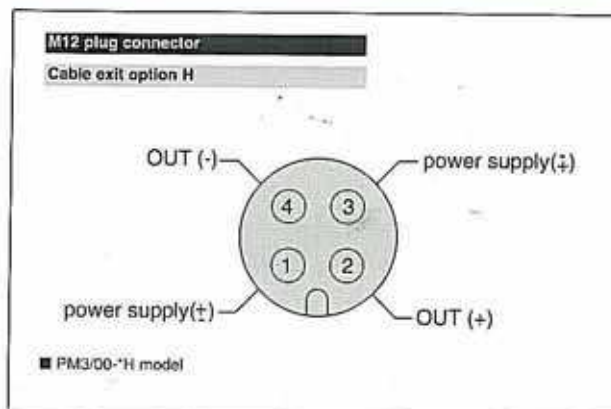
Other cable options:

Right angle cable Customised cables
Please contact IMO for price and availability

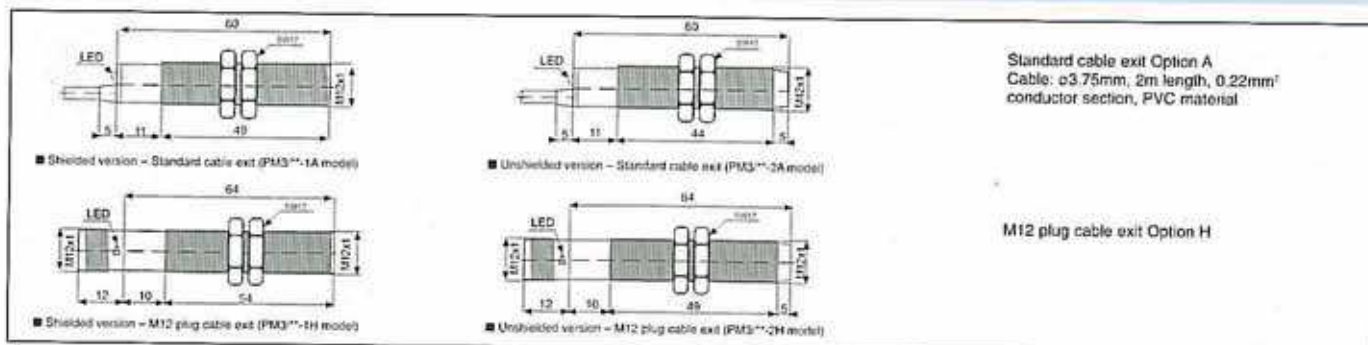
Wiring connections



Plug-pin connections



Dimensions (mm)



Proximity Switches

Selection Chart

INDUCTIVE TYPES

Model	Description	Dimensions	Sensing range	Cable exit options	Housing material	Power supply	Output type	Output state	Load current	Switching frequency	Protection	Output indicator	Operating temp.	Protection degree	Page
PE1	Standard DC 3-wire Proximity Switches Ø8mm	M8x45mm	1mm Shielded	Standard 2m cable M12 plug connector	Nickel-plated brass	10-30 V DC	NPN or PNP	NO	200mA	5kHz Shielded 4kHz Unshielded	Short-circuit, polarity reversal, inductive loads	LED	-25 to +70°C	IP67	244
			2mm Unshielded												
PM1	Standard DC 3-wire Proximity Switches Ø12mm	M12x50mm	2mm Shielded	Standard 2m cable M12 plug connector	Nickel-plated brass	10-30 V DC	NPN or PNP	NO	200mA	2kHz	Short-circuit, polarity reversal, inductive loads	LED	-25 to +70°C	IP67	245
			4mm Unshielded												
PM3	DECOUT® DC 4-wire Proximity Switches Ø12mm	M12x60mm	2mm Shielded	Standard 2m cable M12 plug connector	Nickel-plated brass	10-30 V DC	DECOUT® De-coupled output (fully isolated from the supply voltage) and NPN/PNP/NO/NC user-selectable on the single unit	NO	100mA	1kHz	Short-circuit, polarity reversal, inductive loads	LED	-25 to +70°C	IP67	246
			4mm Unshielded												
PM6	Short-body DC 3-wire Proximity Switches Ø12mm	M12x43mm	2mm Shielded	Standard 2m cable M12 plug connector	Nickel-plated brass	10-30 V DC	NPN or PNP	NO	200mA	1kHz	Short-circuit, polarity reversal, inductive loads	LED	-25 to +70°C	IP67	247
			4mm Unshielded												
PMS	Harsh Environment DC 4-wire Proximity Switches Ø12mm	M12x65mm	2mm Shielded	M12 plug connector	Nickel-plated brass	10-30 V DC	NPN or PNP	NO + NC Dual output	100mA	2kHz	Short-circuit, polarity reversal, inductive loads	LED	-25 to +70°C	IP68	248
			4mm Unshielded												
PK1	Standard DC 3-wire Proximity Switches Ø18mm	M18x50mm	5mm Shielded	Standard 2m cable M12 plug connector	Nickel-plated brass	10-30 V DC	NPN or PNP	NO	400mA	0.5kHz	Short-circuit, polarity reversal, inductive loads	LED	-25 to +70°C	IP67	249
			8mm Unshielded												
PK3	DECOUT® DC 4-wire Proximity Switches Ø18mm	M18x60mm	5mm Shielded	Standard 2m cable M12 plug connector	Nickel-plated brass	10-30 V DC	DECOUT® De-coupled output (fully isolated from the supply voltage) and NPN/PNP/NO/NC user-selectable on the single unit	NO	100mA	0.3kHz	Short-circuit, polarity reversal, inductive loads	LED	-25 to +70°C	IP67	250
			8mm Unshielded												
PKS	Harsh Environment DC 4-wire Proximity Switches Ø18mm	M18x63mm	5mm Shielded	Standard 2m cable M12 plug connector	Nickel-plated brass	10-30 V DC	NPN or PNP	NO + NC Dual output	400mA	1kHz	Short-circuit, polarity reversal, inductive loads	LED	-25 to +70°C	IP68	251
			8mm Unshielded												

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